

Program EVALPLOT  
(Version 2018-1)

by

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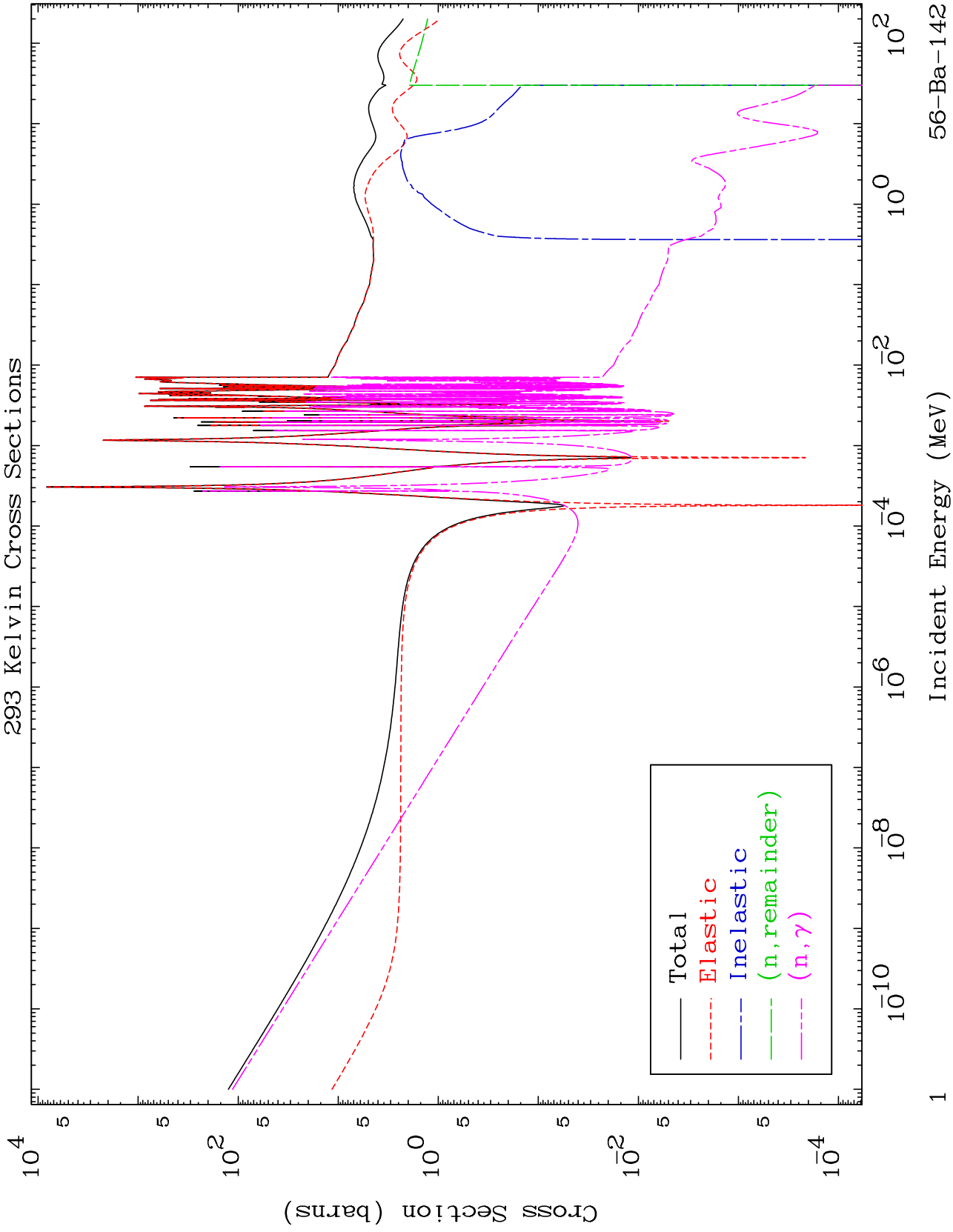
Press Mouse Button to Start

MAT 5661

Major

293 Kelvin Cross Sections

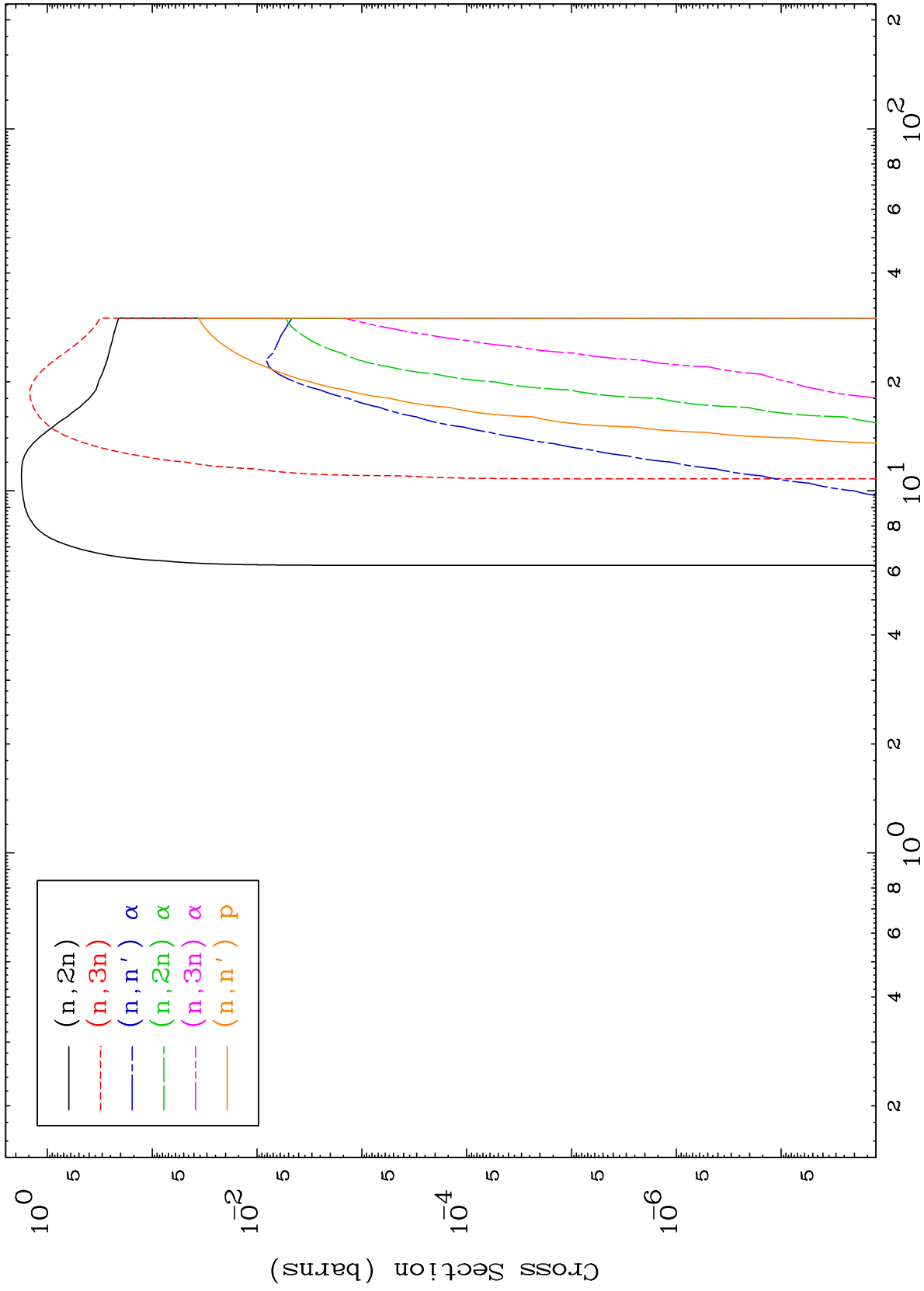
56-Ba-142



MAT 5661

Neutron Production  
293 Kelvin Cross Sections

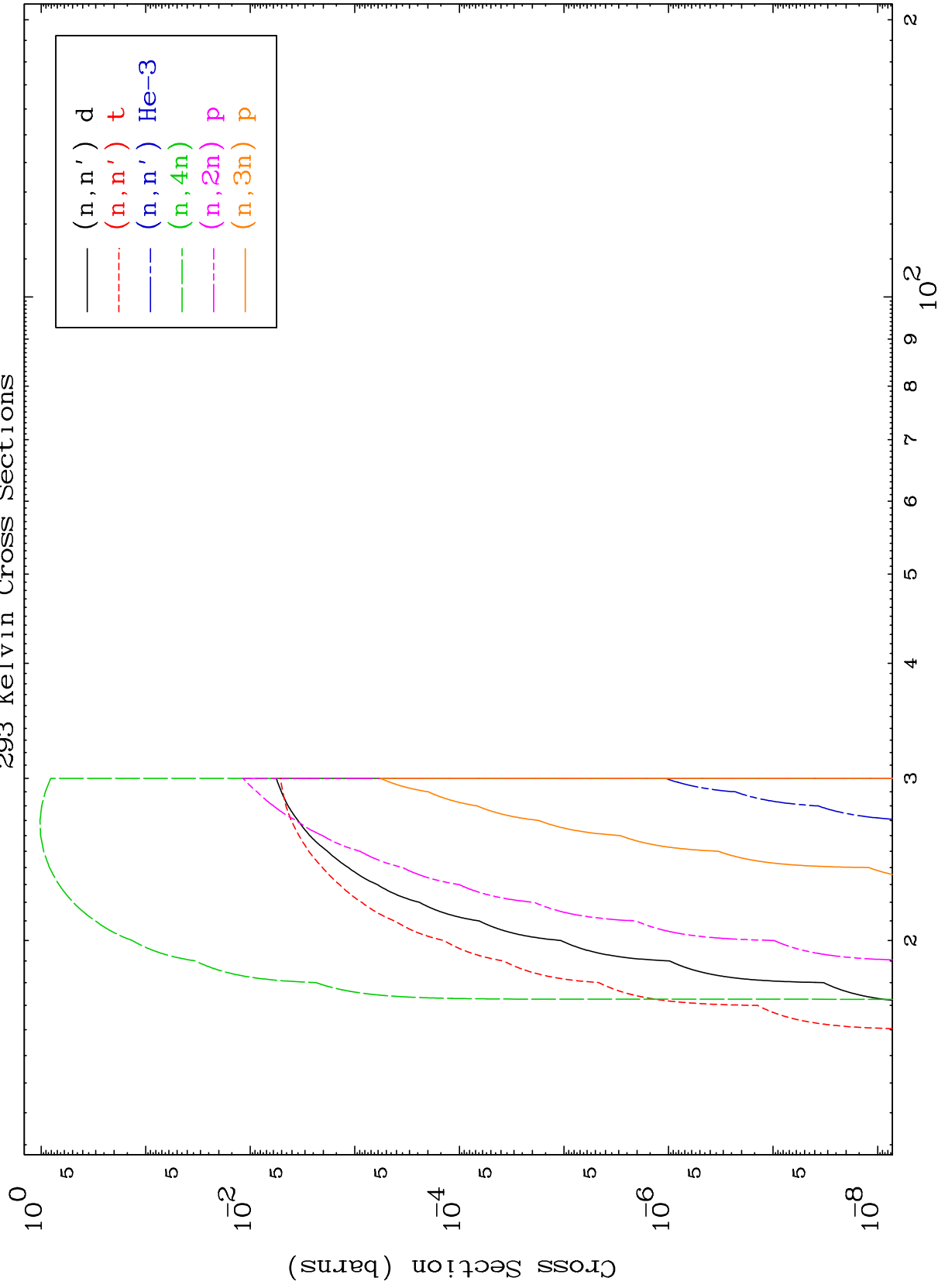
56-Ba-142



2

Incident Energy (MeV)

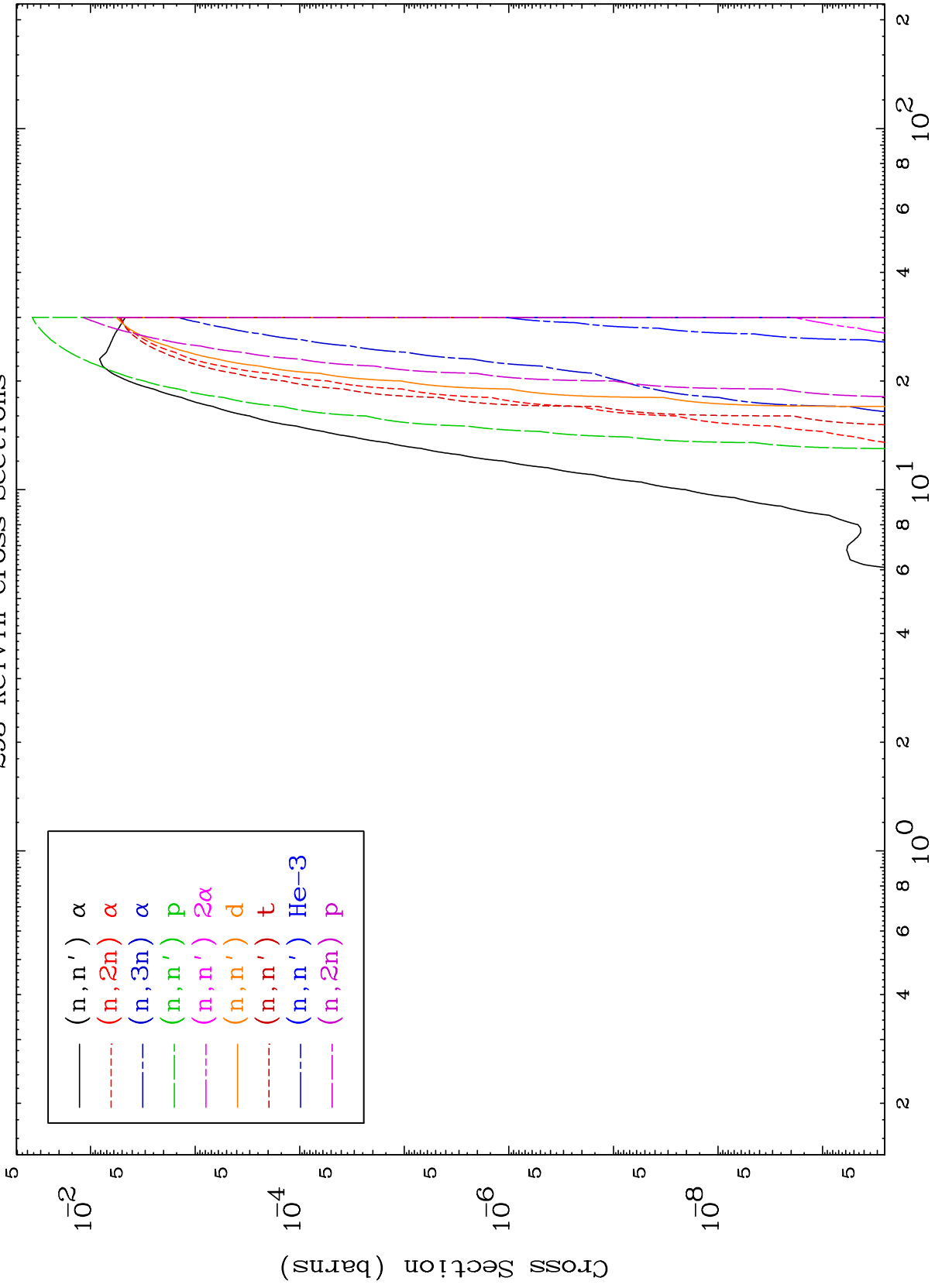
56-Ba-142



MAT 5661

293 Kelvin Cross Sections

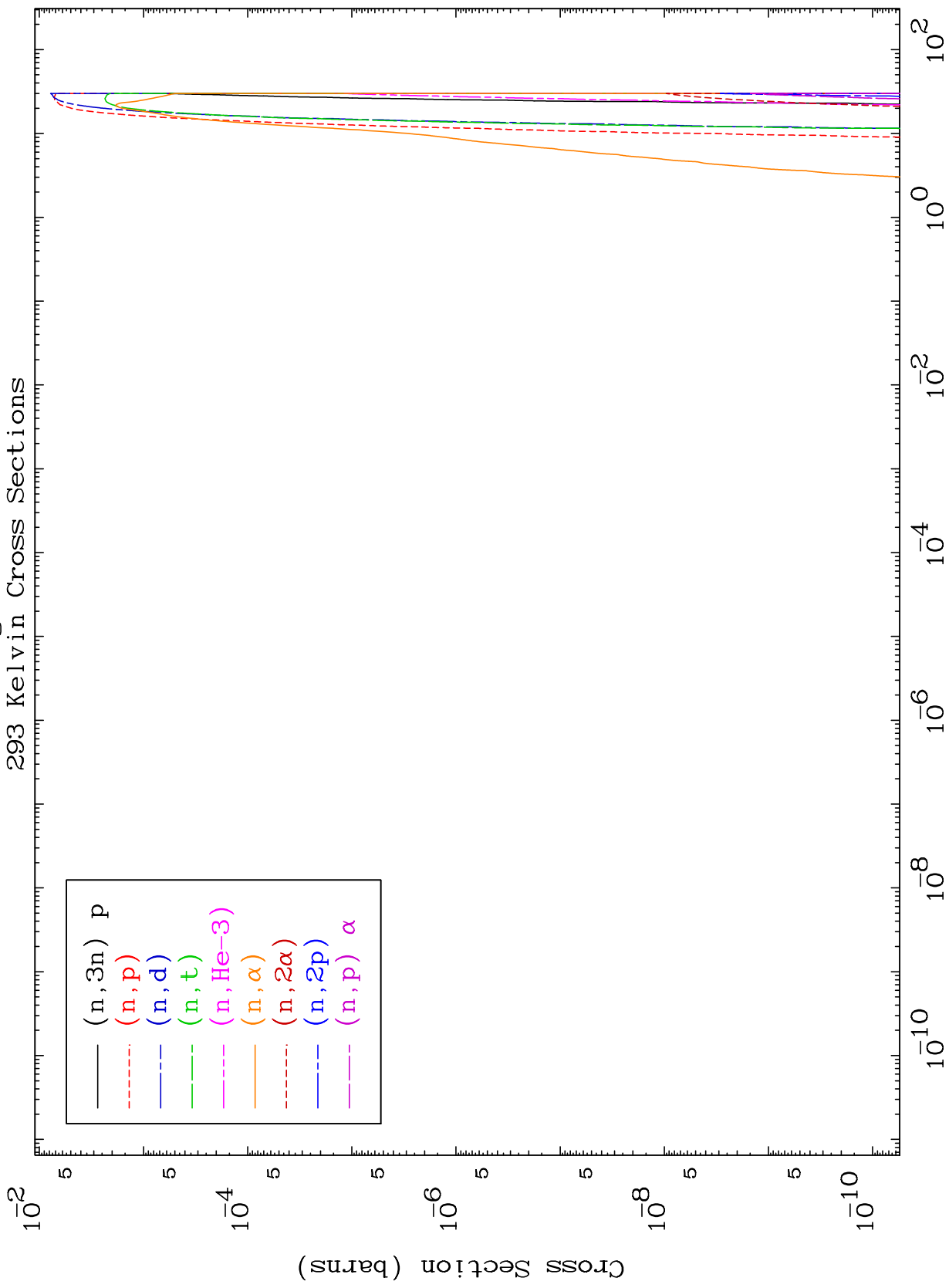
56-Ba-142



MAT 5661

Charged Particle  
293 Kelvin Cross Sections

56-Ba-142



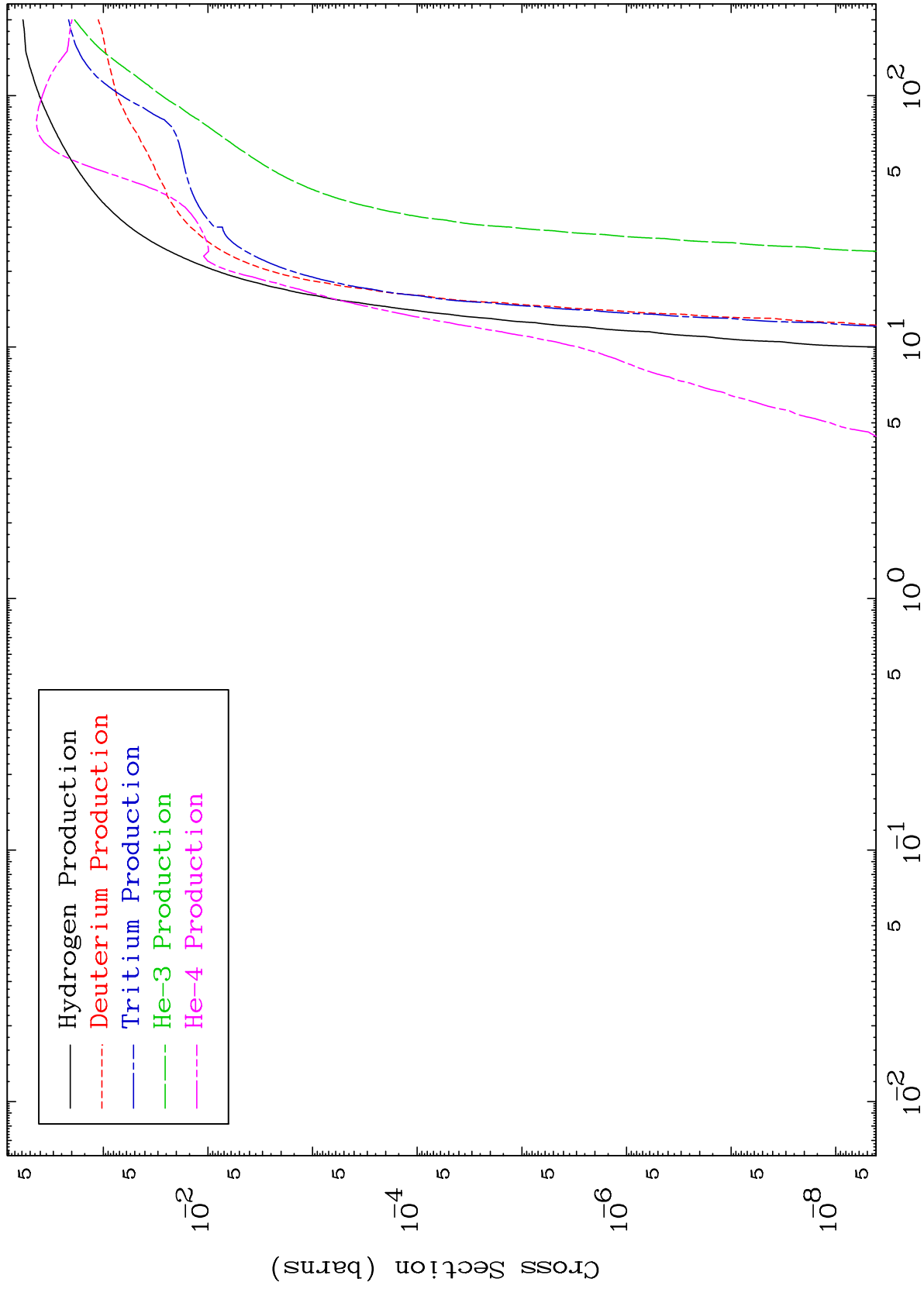
5

56-Ba-142

MAT 5661

Particle Production  
293 Kelvin Cross Sections

56-Ba-142



6

Incident Energy (MeV)

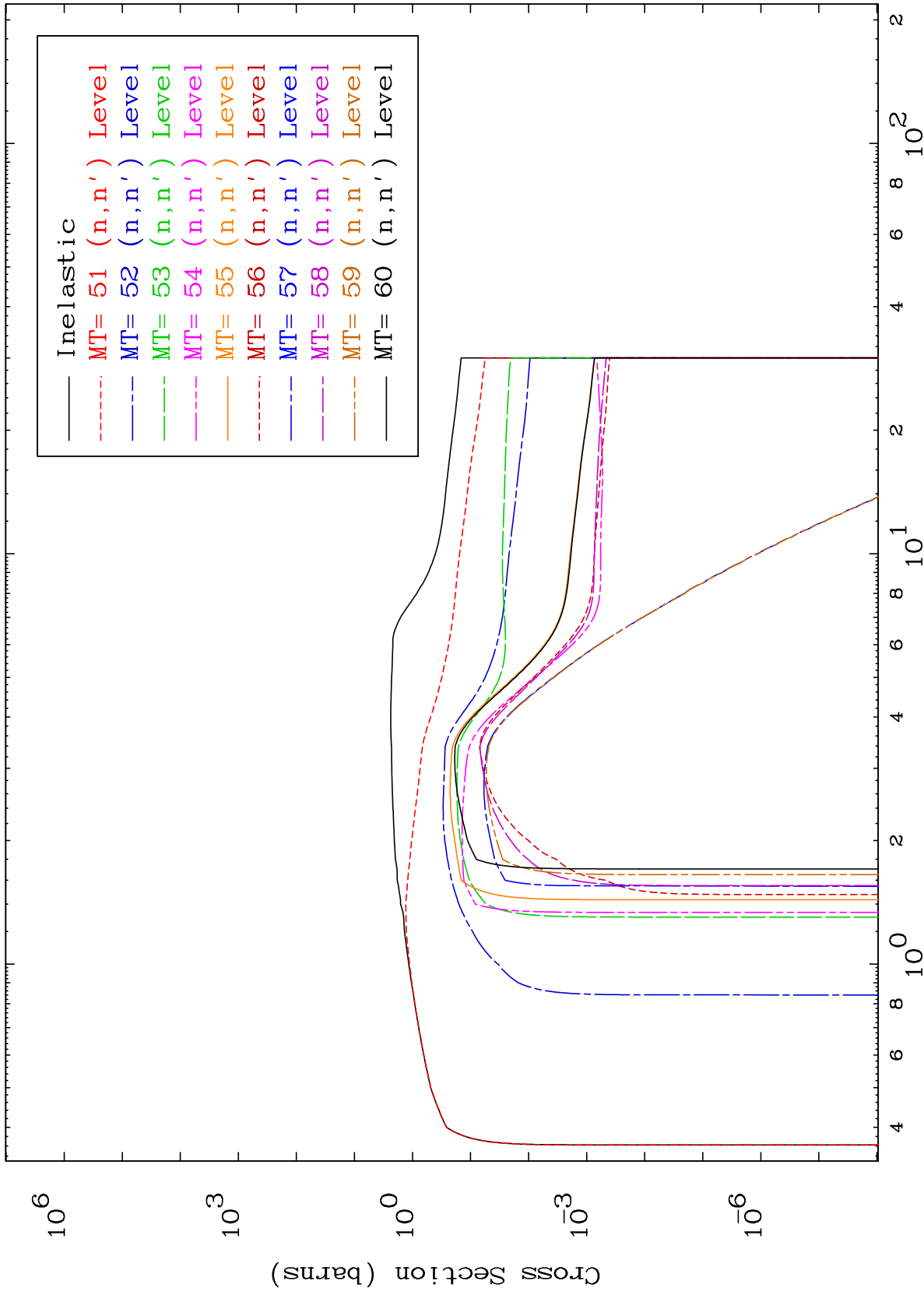
56-Ba-142

MAT 5661

(n,n') Level

56-Ba-142

293 Kelvin Cross Sections



7

Incident Energy (MeV)

56-Ba-142

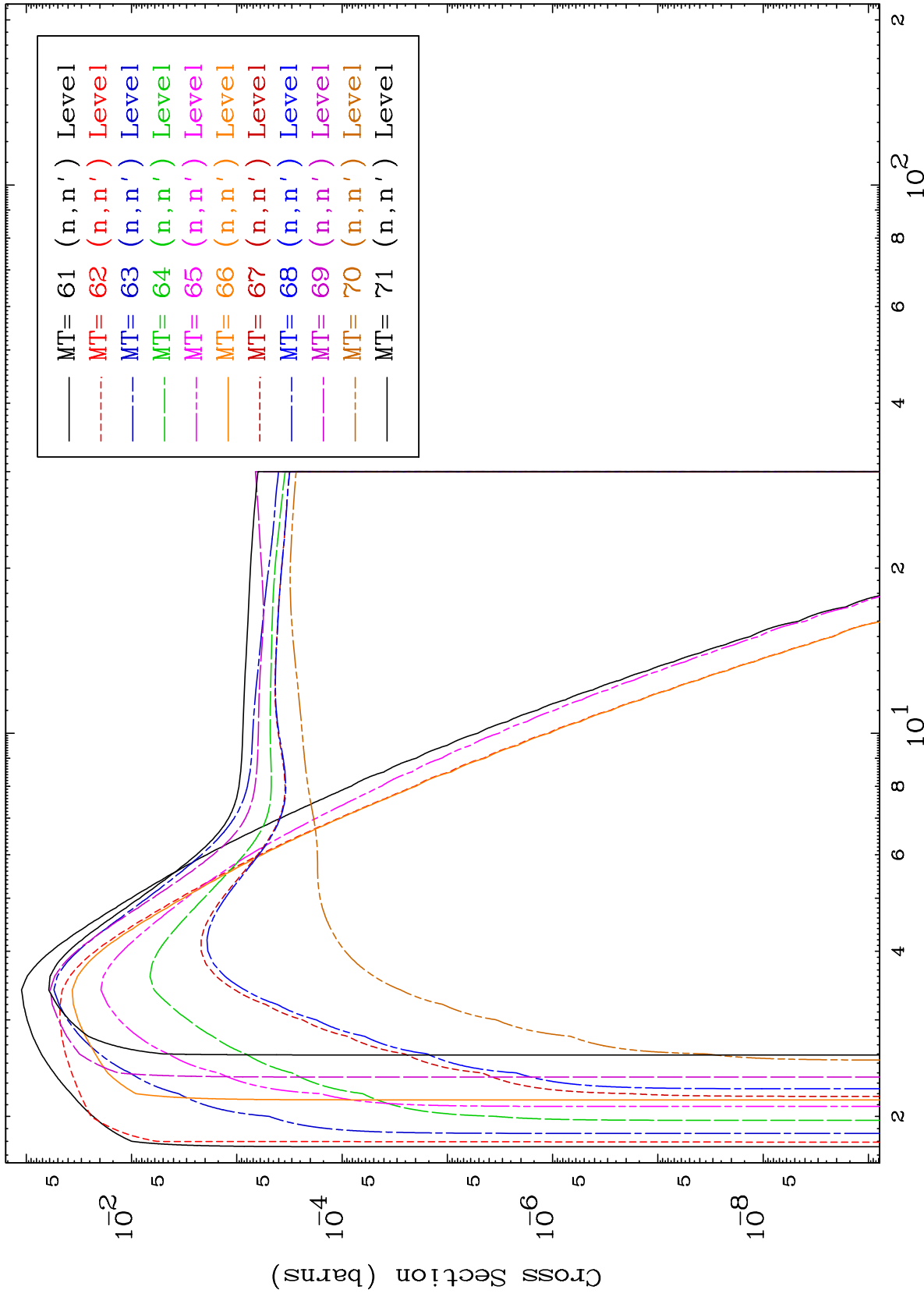


MAT 5661

(n,n') Level

56-Ba-142

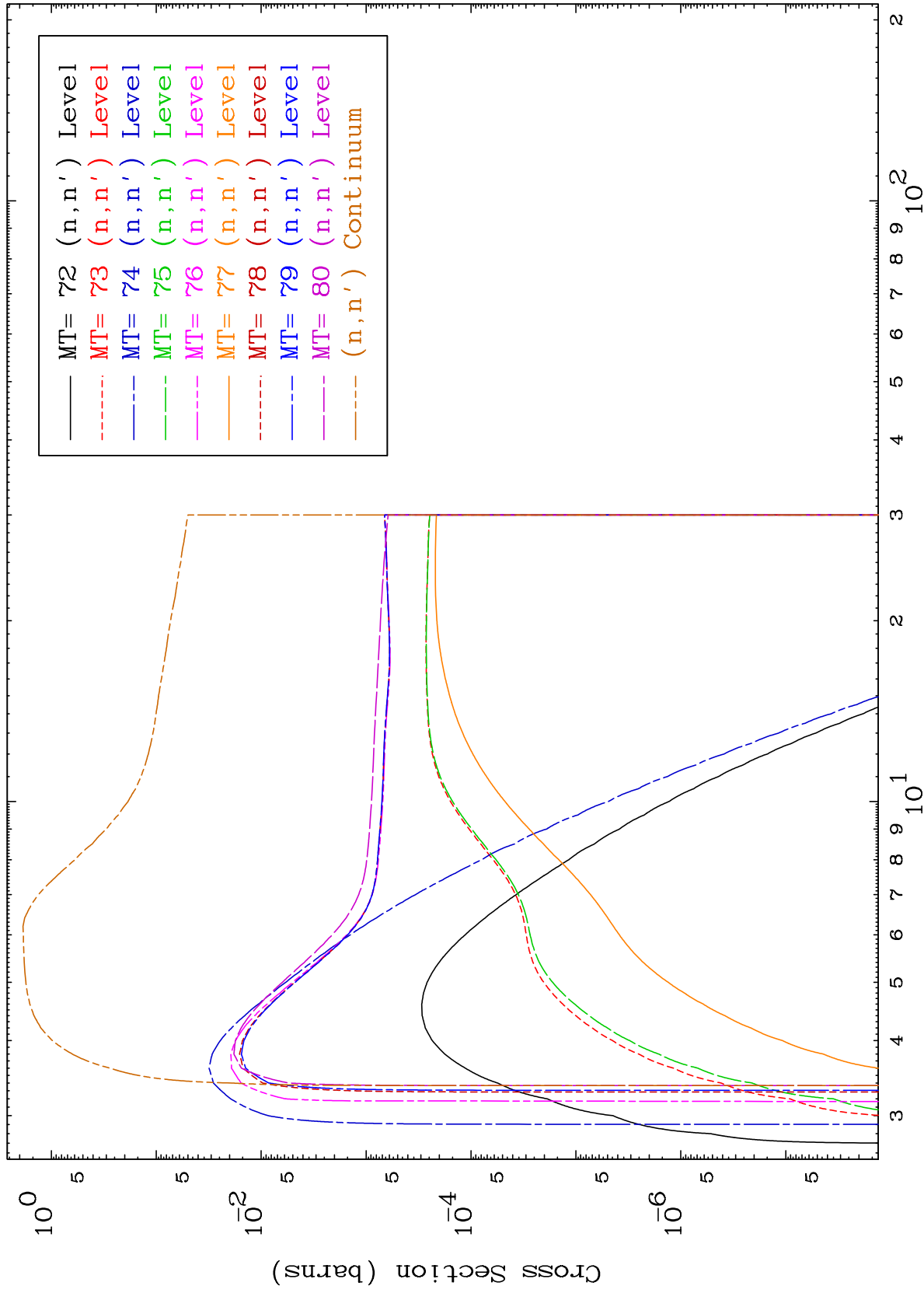
293 Kelvin Cross Sections



8

Incident Energy (MeV)

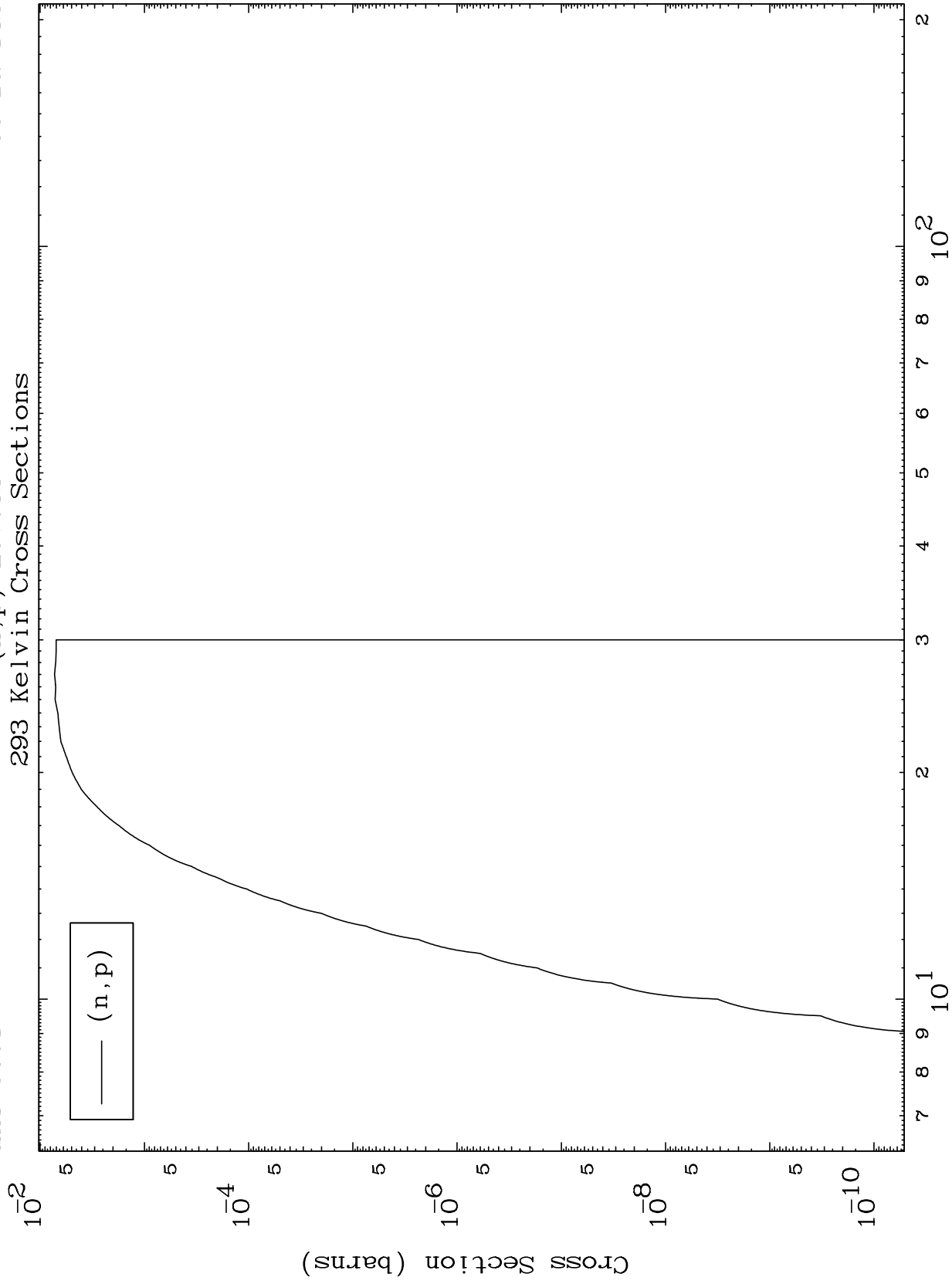
56-Ba-142



MAT 5661

(n,p) Levels  
293 Kelvin Cross Sections

56-Ba-142



10

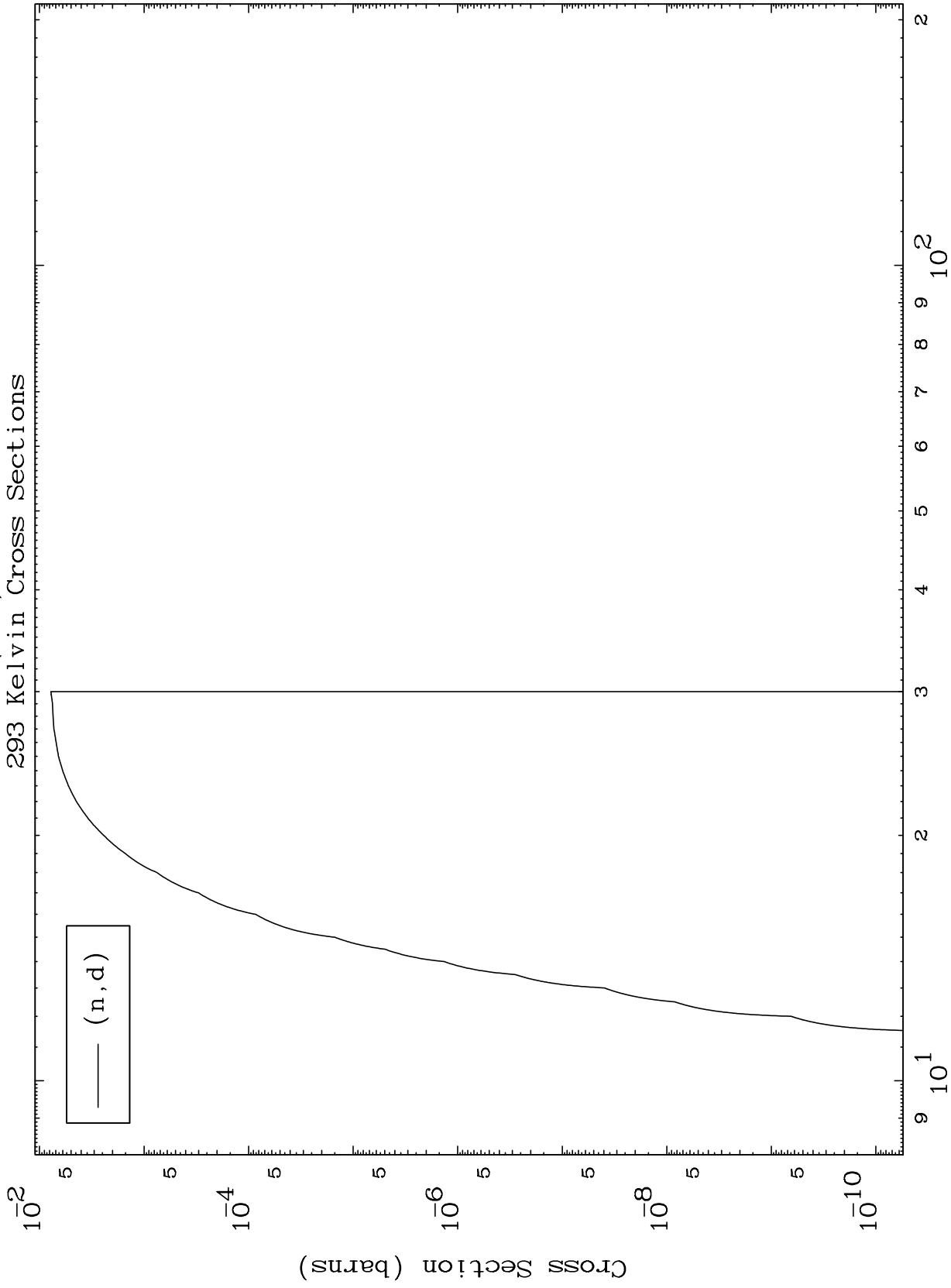
Incident Energy (MeV)

56-Ba-142

MAT 5661

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-142



11

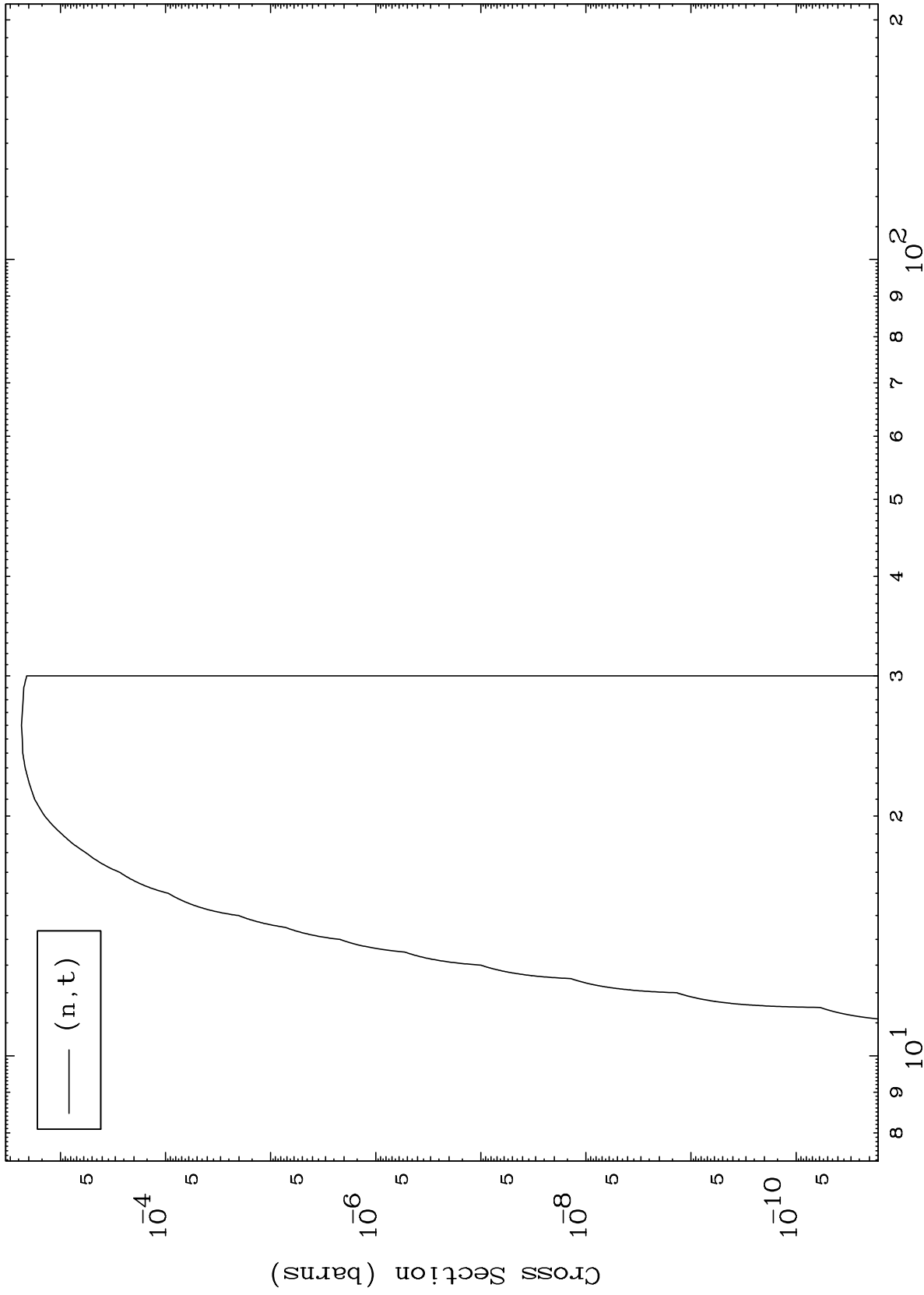
Incident Energy (MeV)

56-Ba-142

MAT 5661

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-142



12

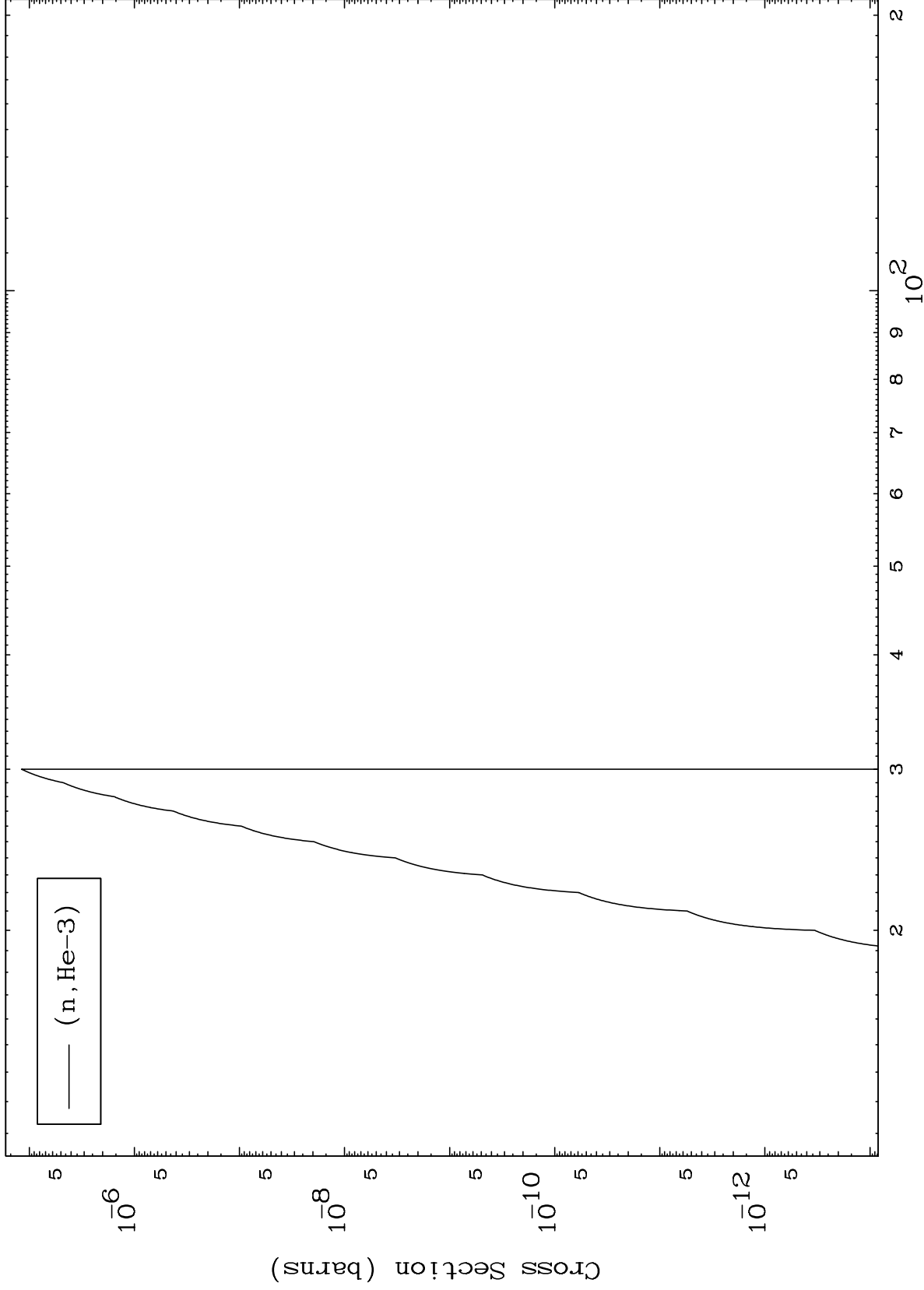
Incident Energy (MeV)

56-Ba-142

MAT 5661

(n,He3) Levels  
293 Kelvin Cross Sections

56-Ba-142



13

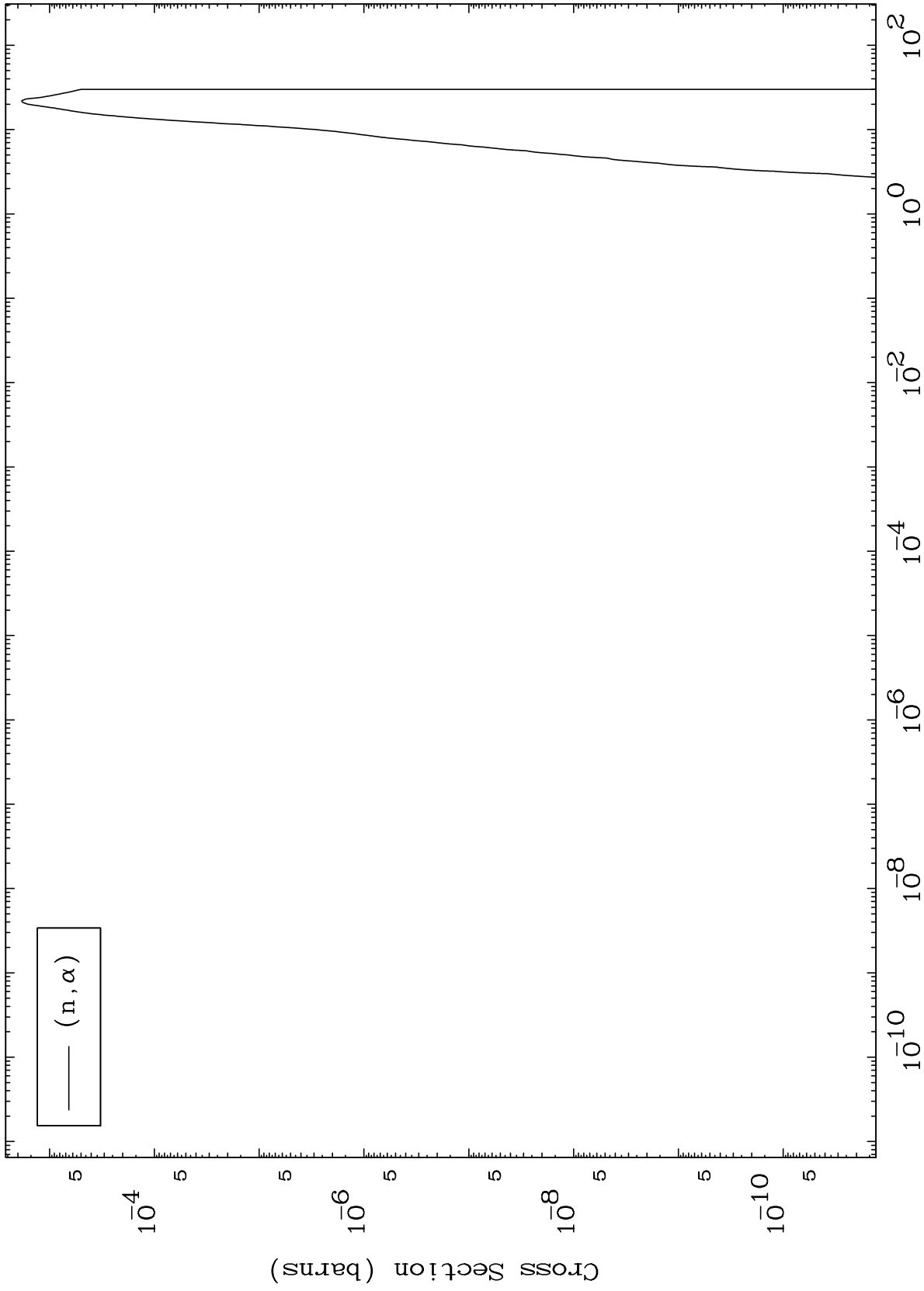
Incident Energy (MeV)

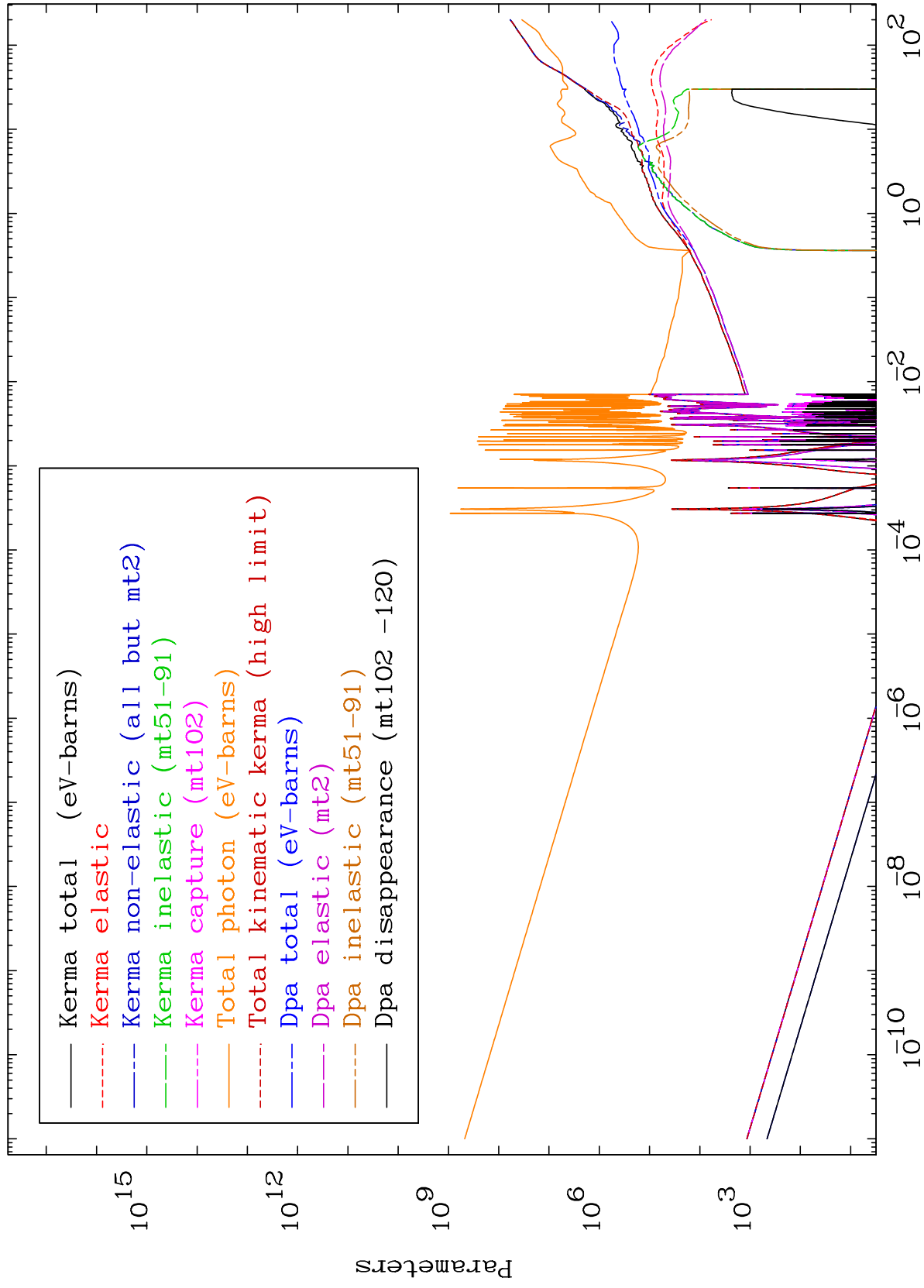
56-Ba-142

MAT 5661

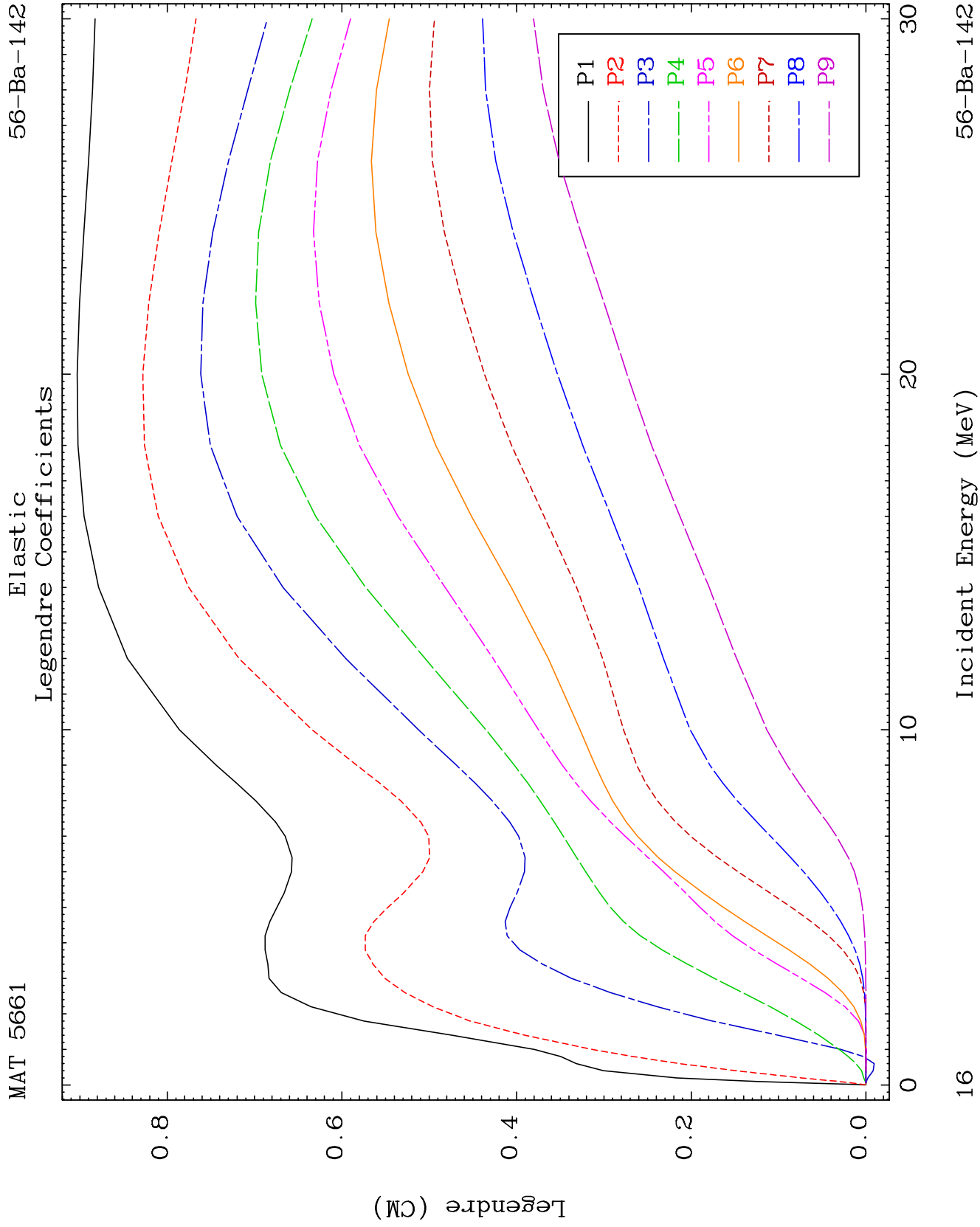
(n,α) Levels  
293 Kelvin Cross Sections

56-Ba-142





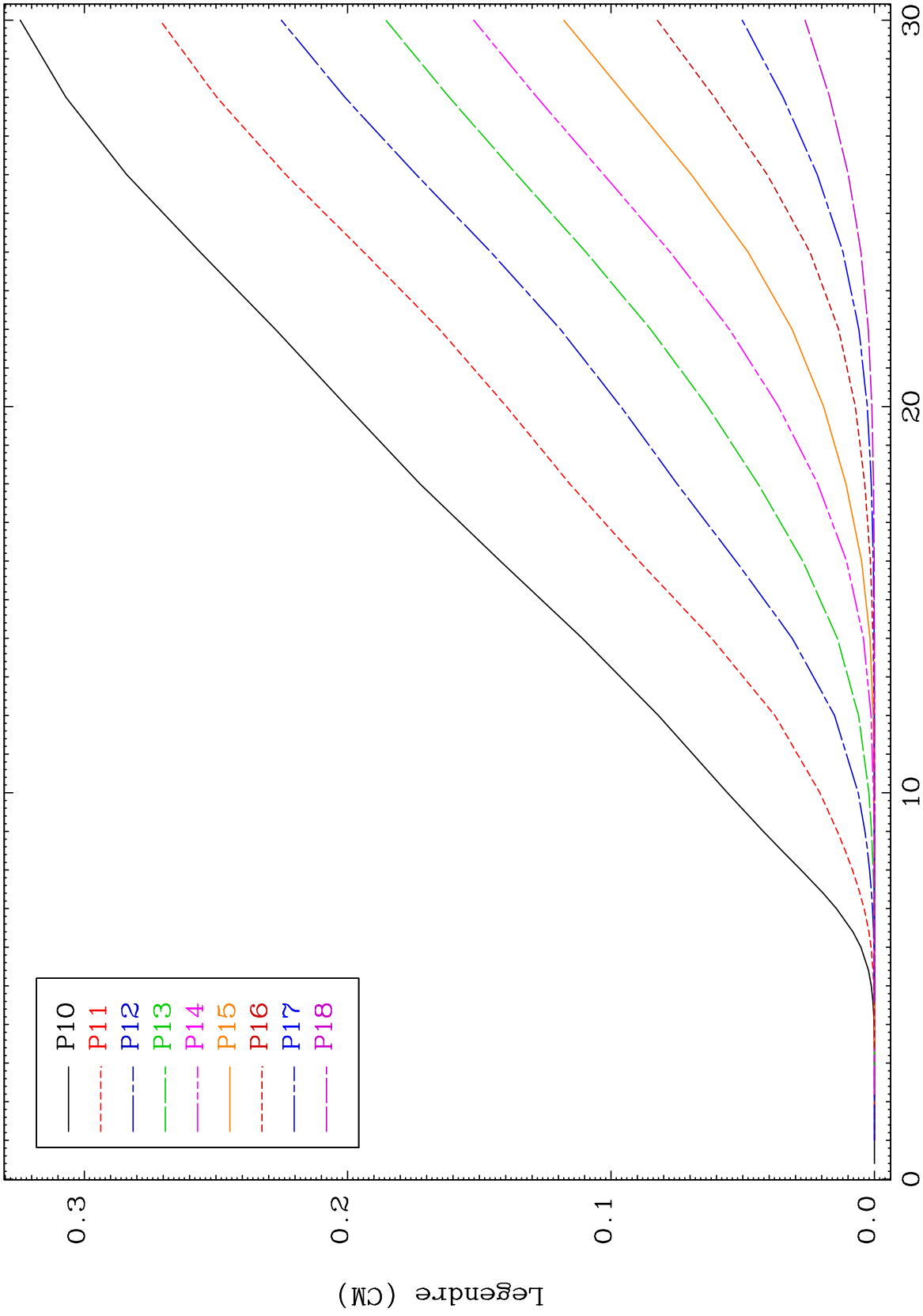




MAT 5661

Elastic Legendre Coefficients

56-Ba-142



17

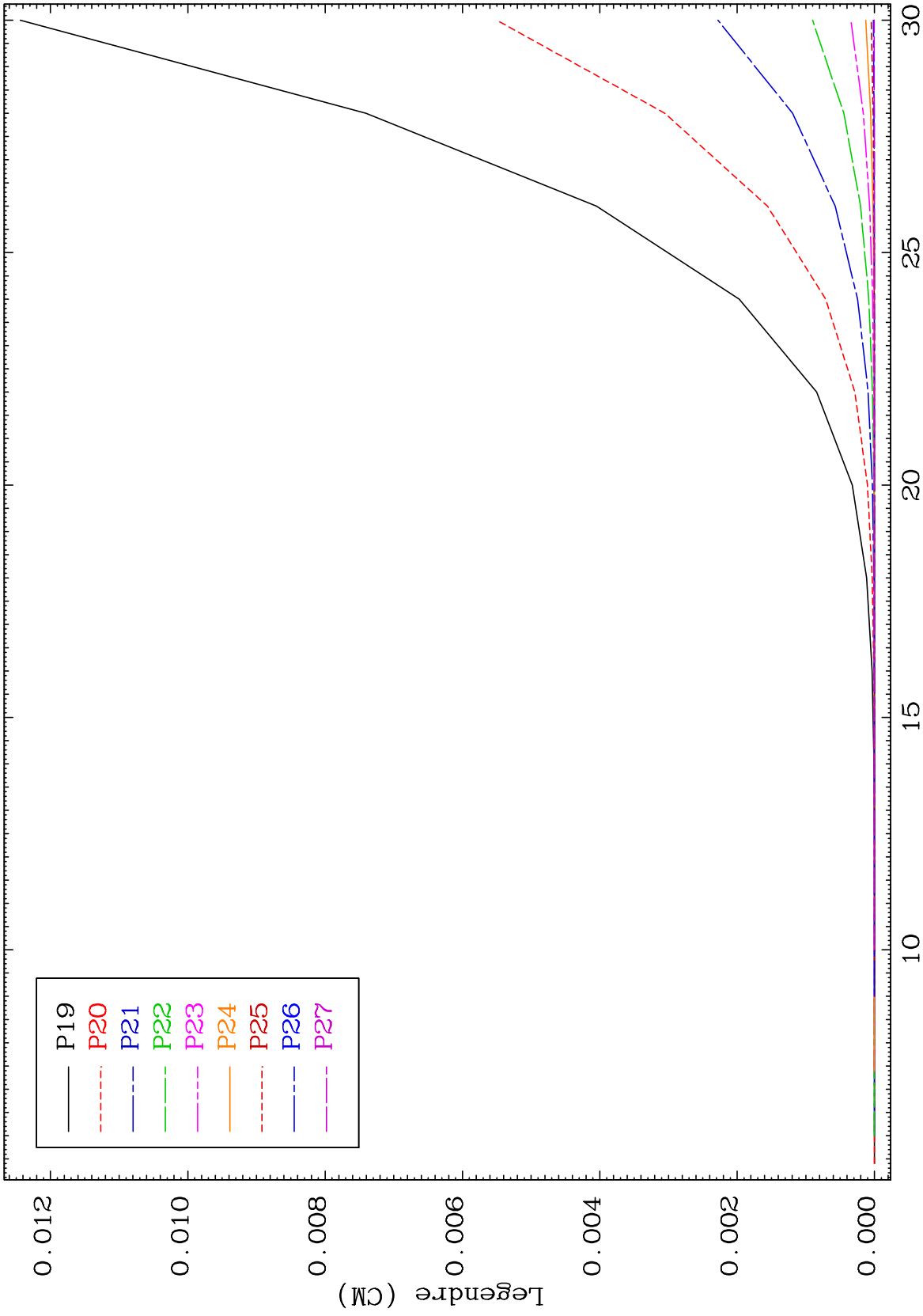
Incident Energy (MeV)

56-Ba-142

MAT 5661

Elastic Legendre Coefficients

56-Ba-142



18

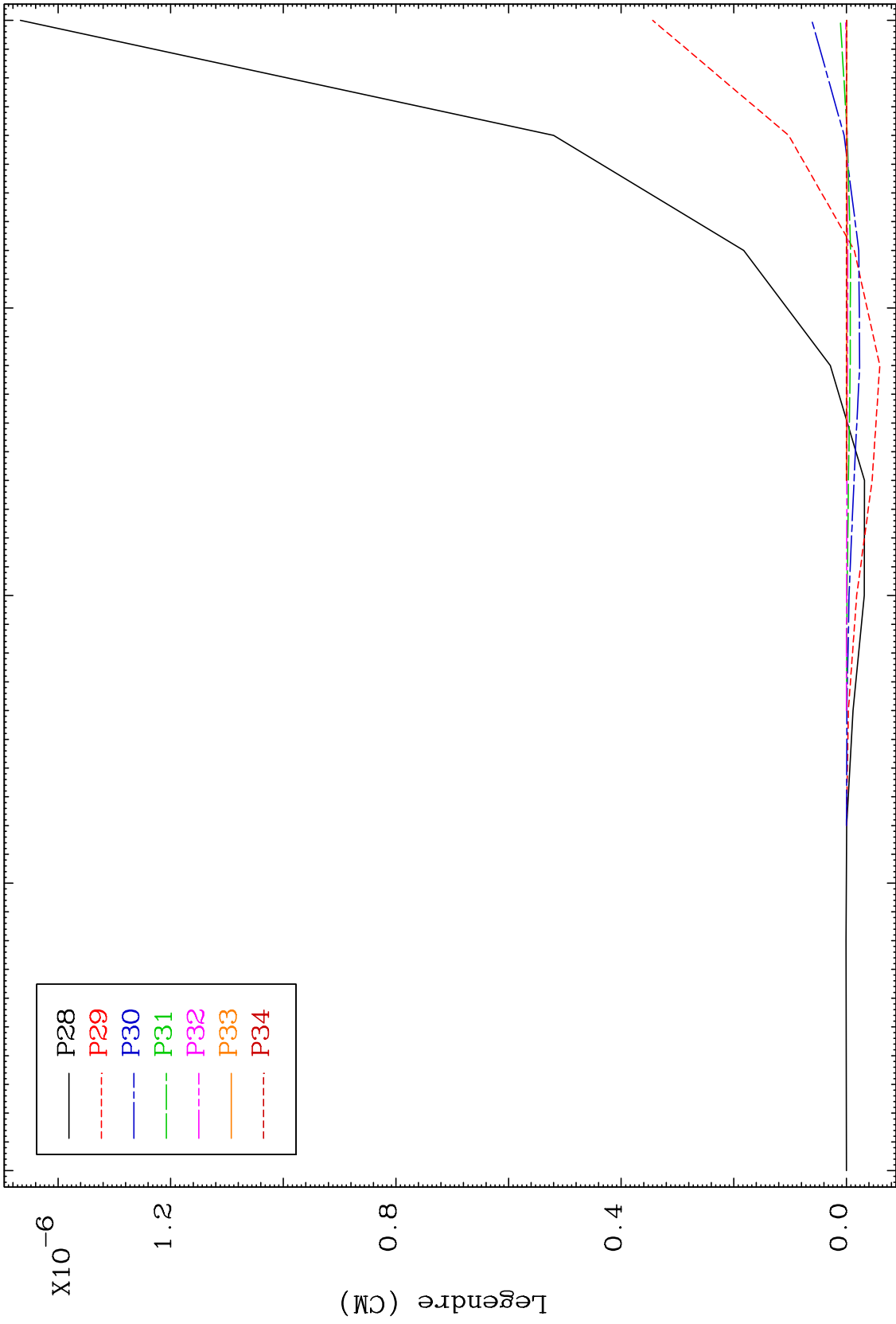
Incident Energy (MeV)

56-Ba-142

MAT 5661

Elastic Legendre Coefficients

56-Ba-142

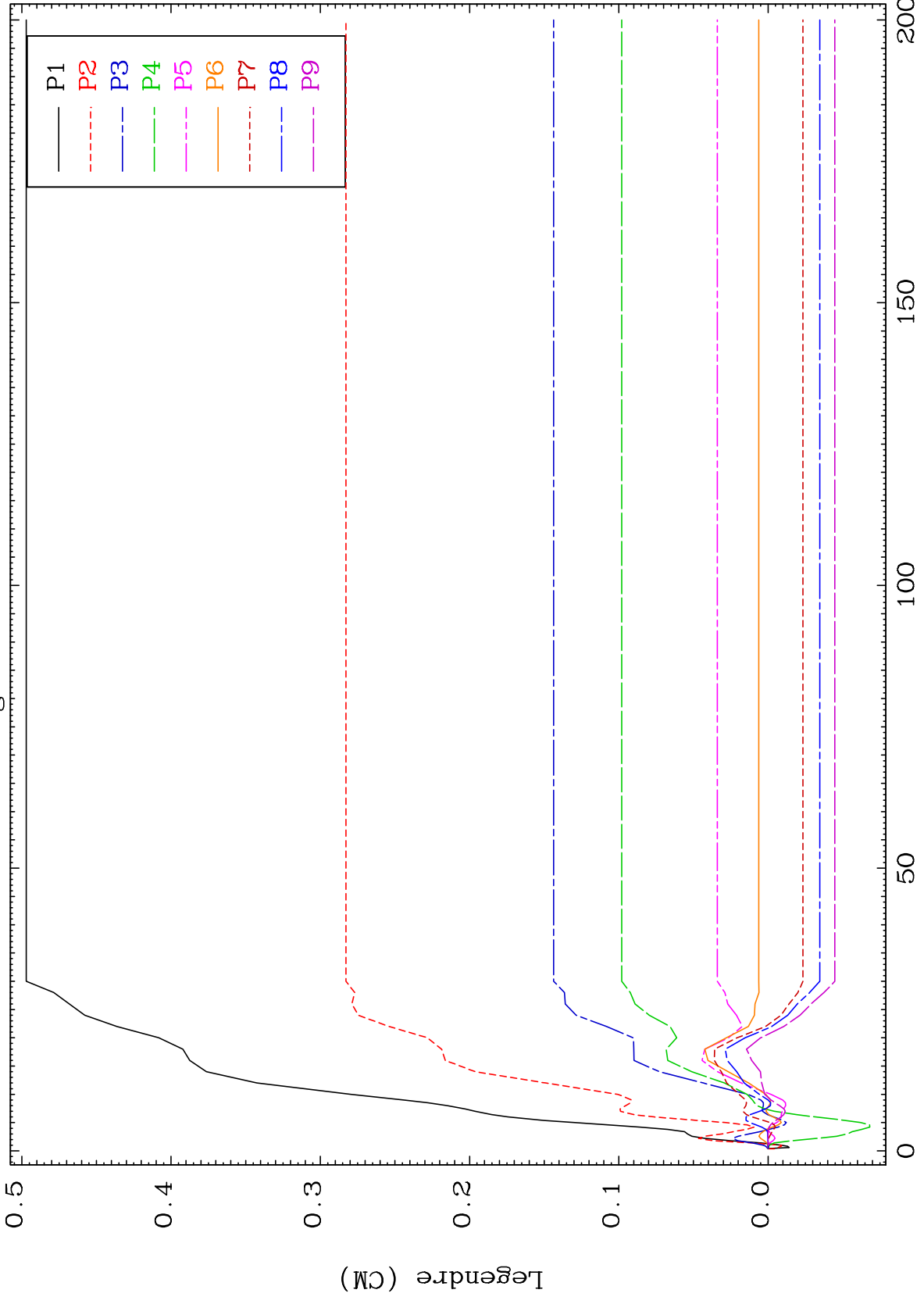


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Incident Energy (MeV)

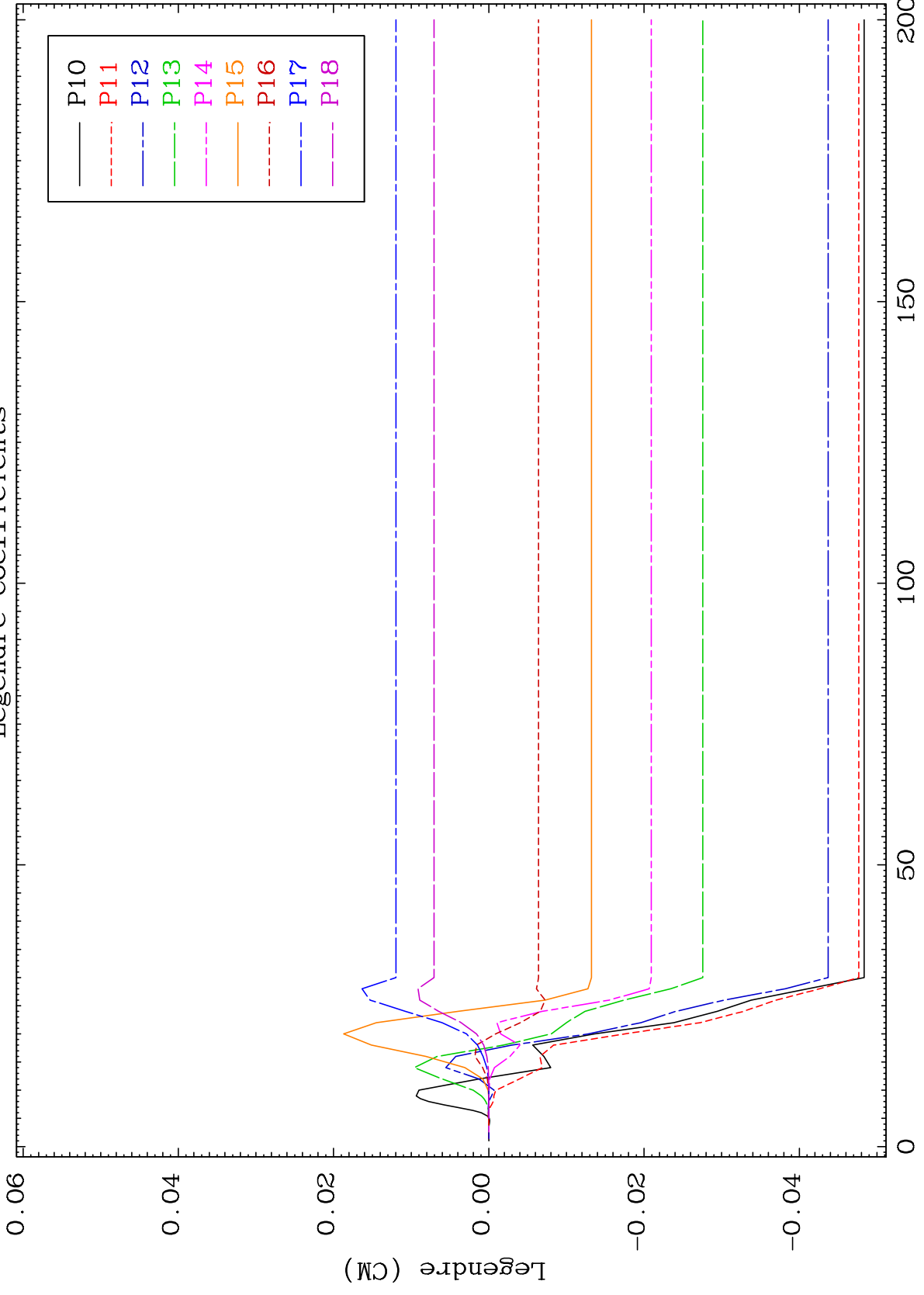
56-Ba-142

MAT 5661 MT= 51 (n,n') Level Legendre Coefficients 56-Ba-142



56-Ba-142

MAT 5661 MT= 51 (n,n') Level Legendre Coefficients 56-Ba-142

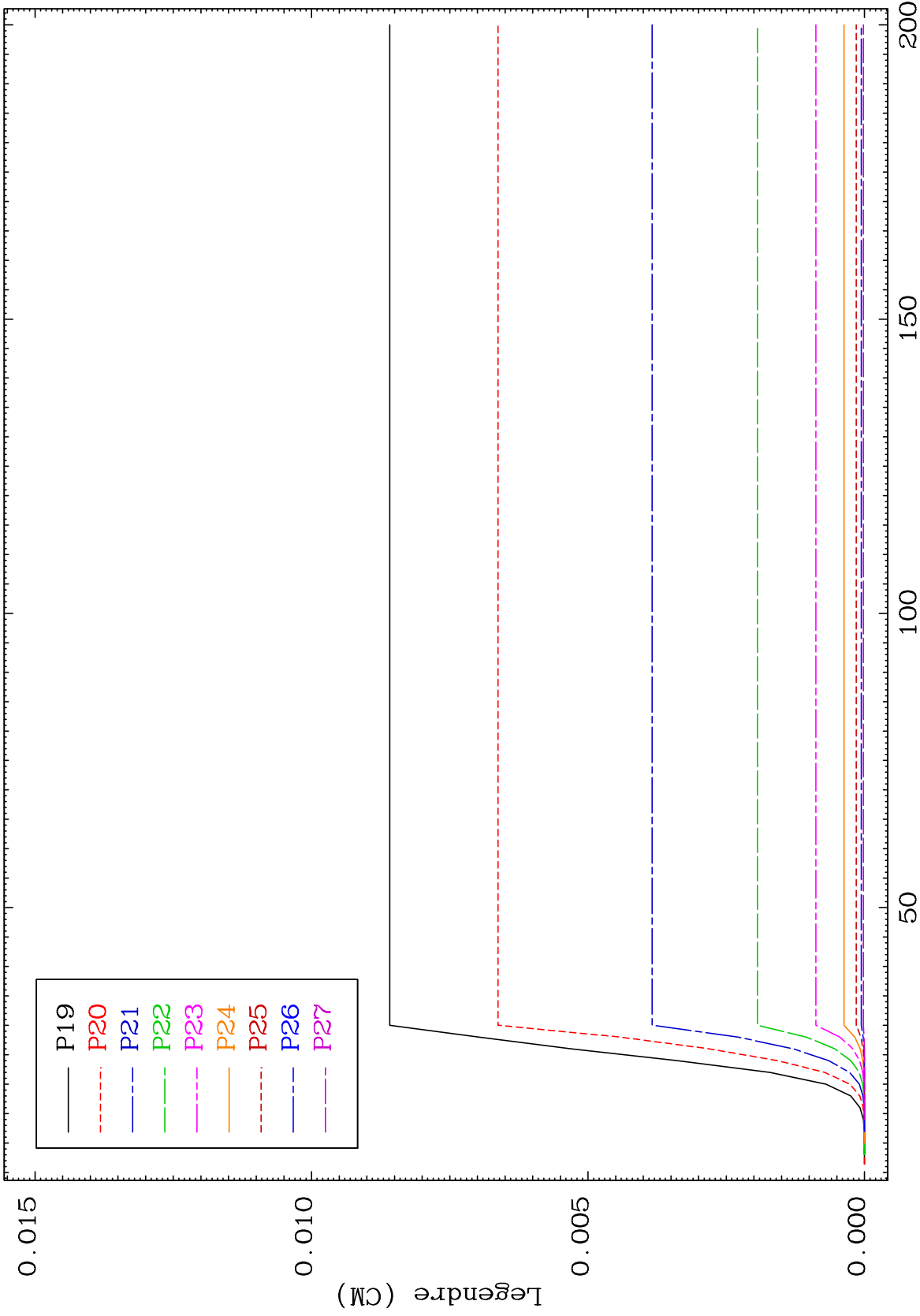


21 56-Ba-142

MAT 5661

MT= 51 (n,n') Level  
Legendre Coefficients

56-Ba-142



22

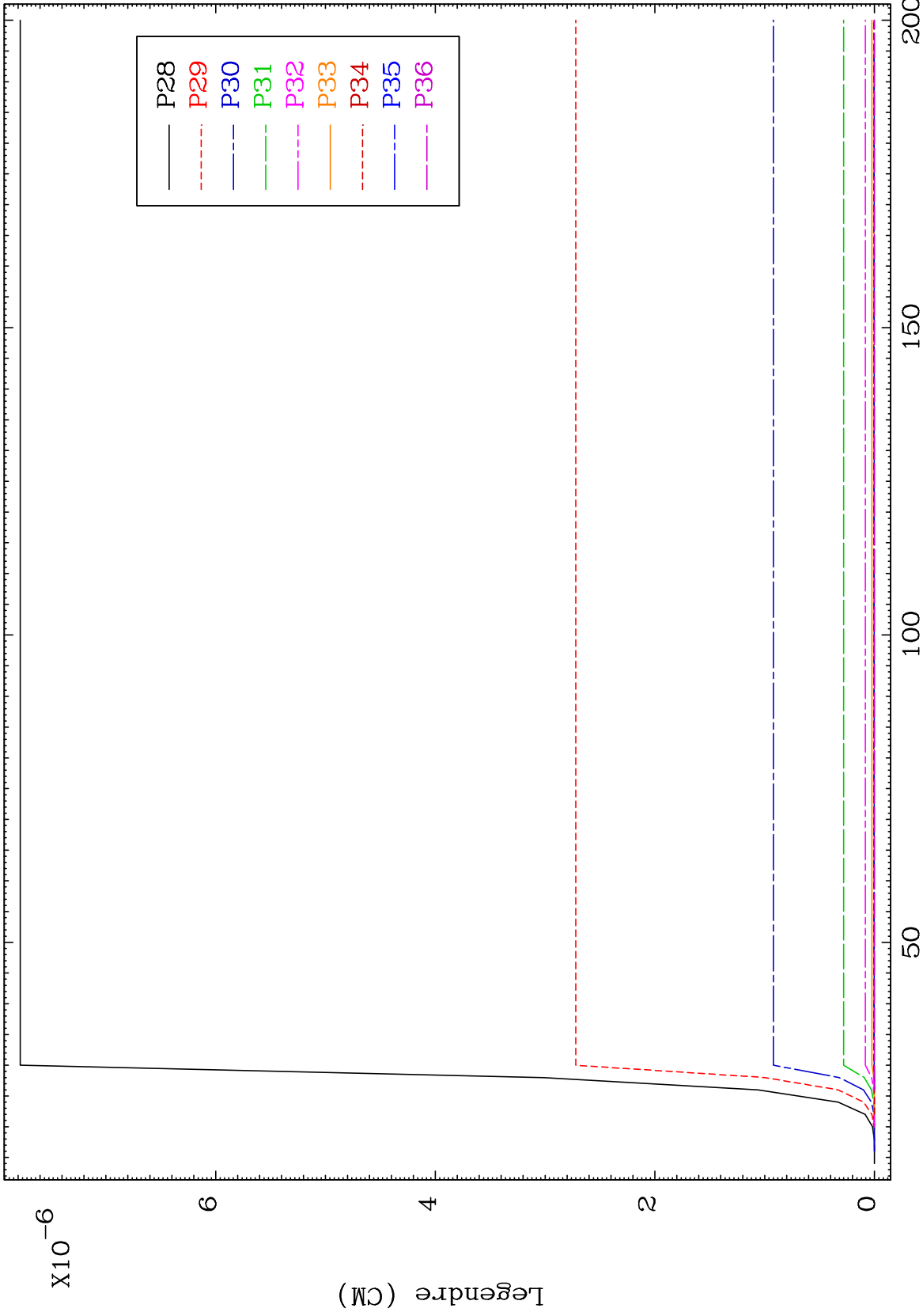
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 51 (n,n') Level  
Legendre Coefficients

56-Ba-142



23

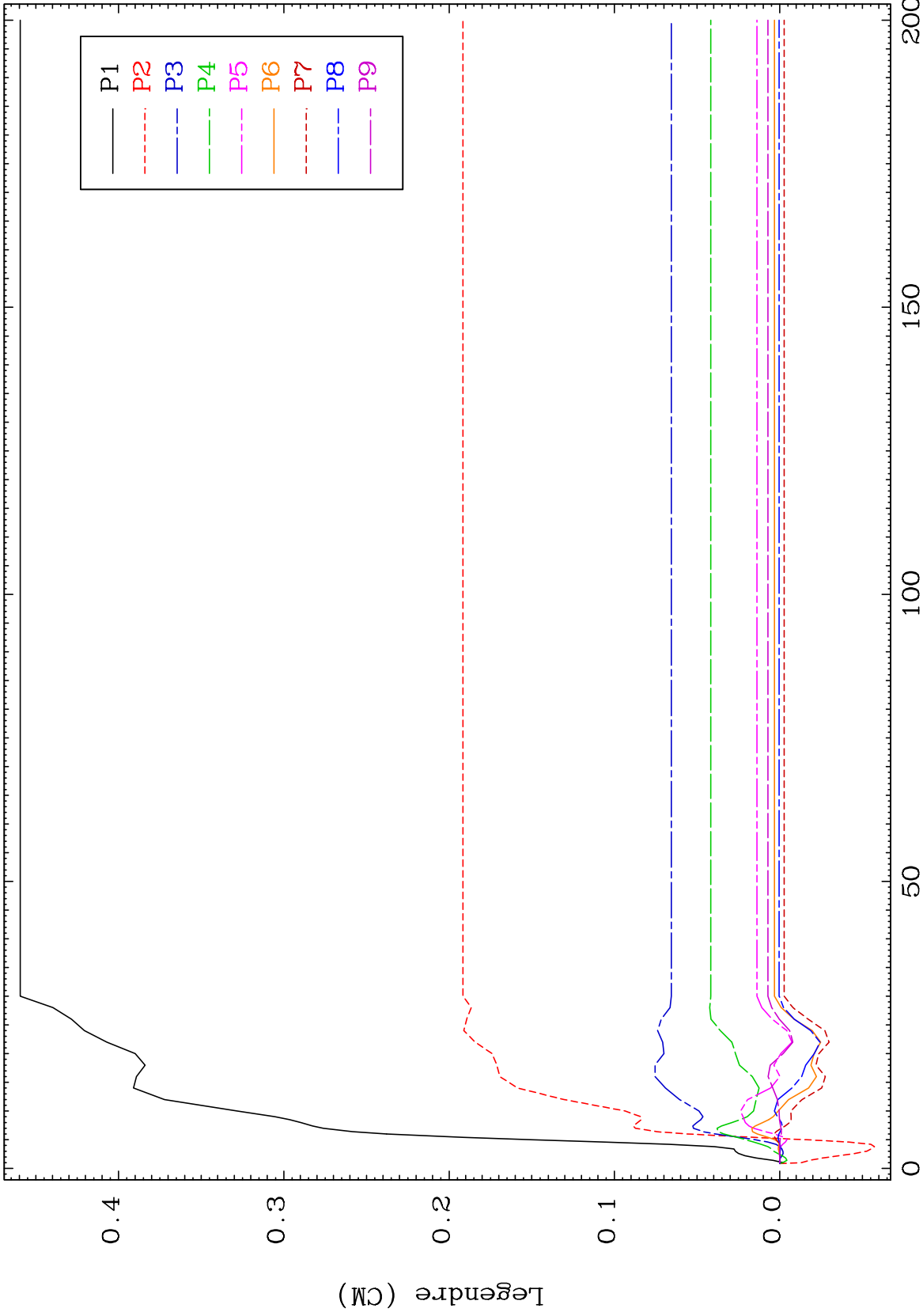
56-Ba-142



MAT 5661

MT= 52 (n,n') Level  
Legendre Coefficients

56-Ba-142



24

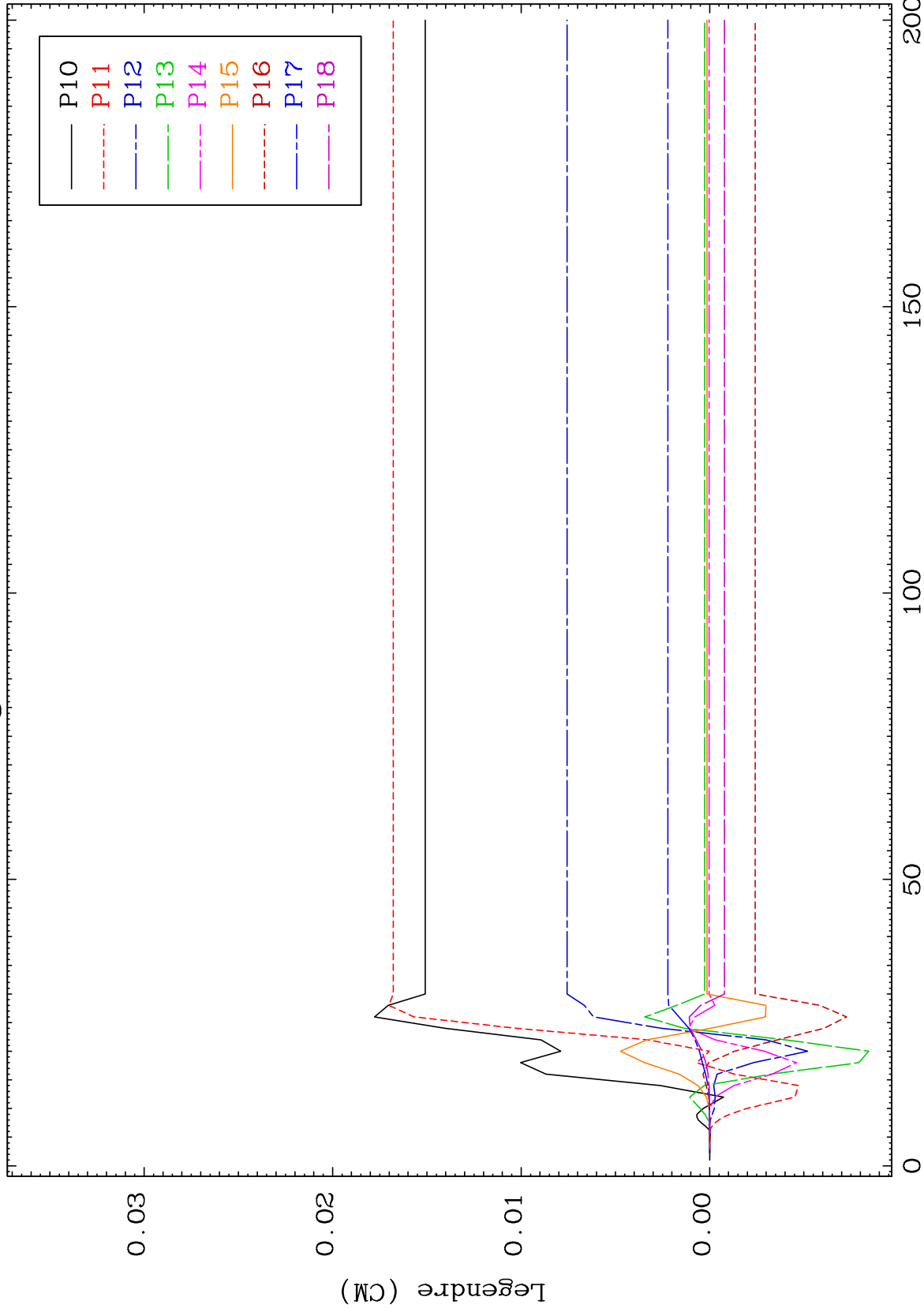
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 52 (n,n') Level  
Legendre Coefficients

56-Ba-142



25

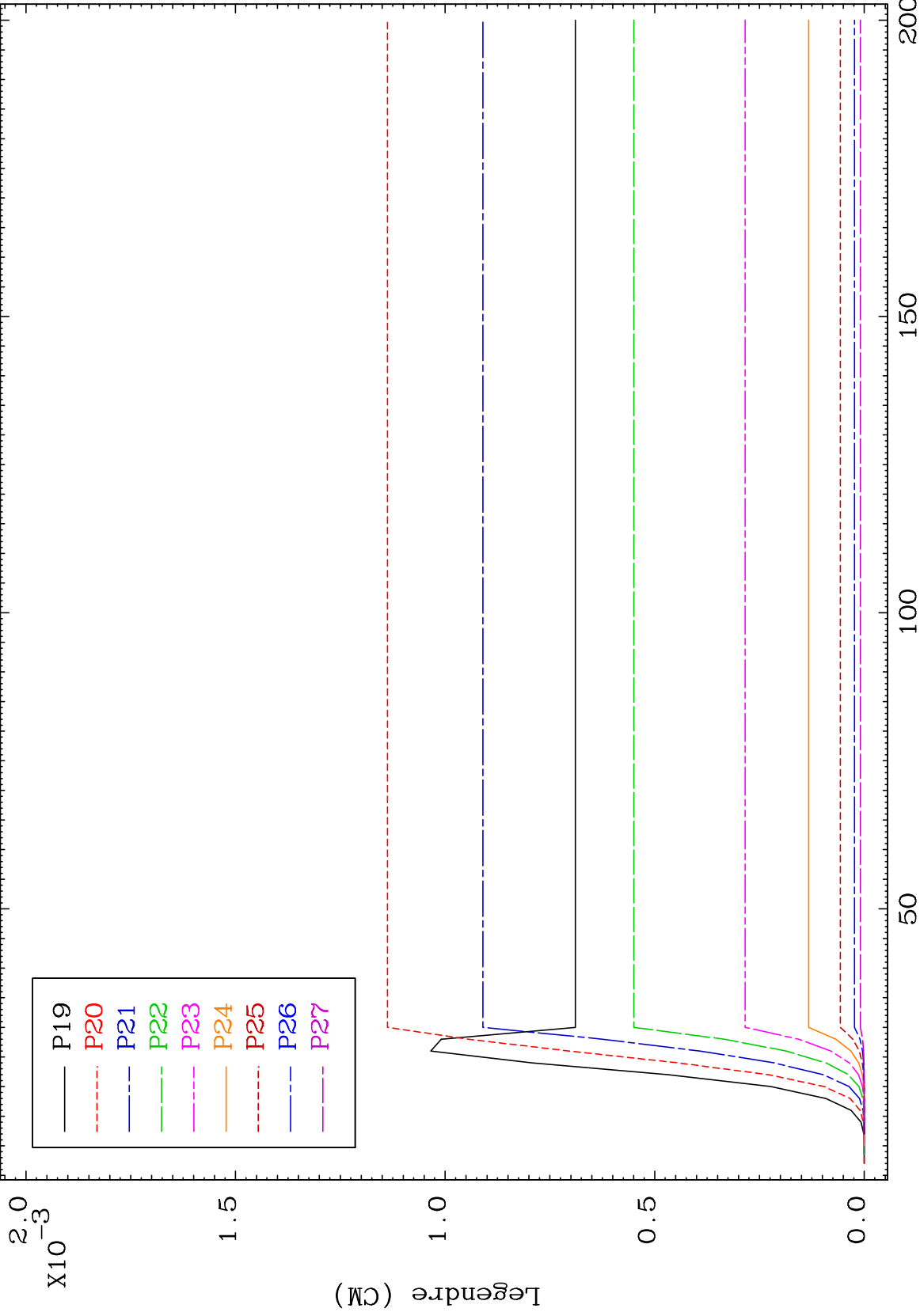
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 52 (n,n') Level  
Legendre Coefficients

56-Ba-142



26

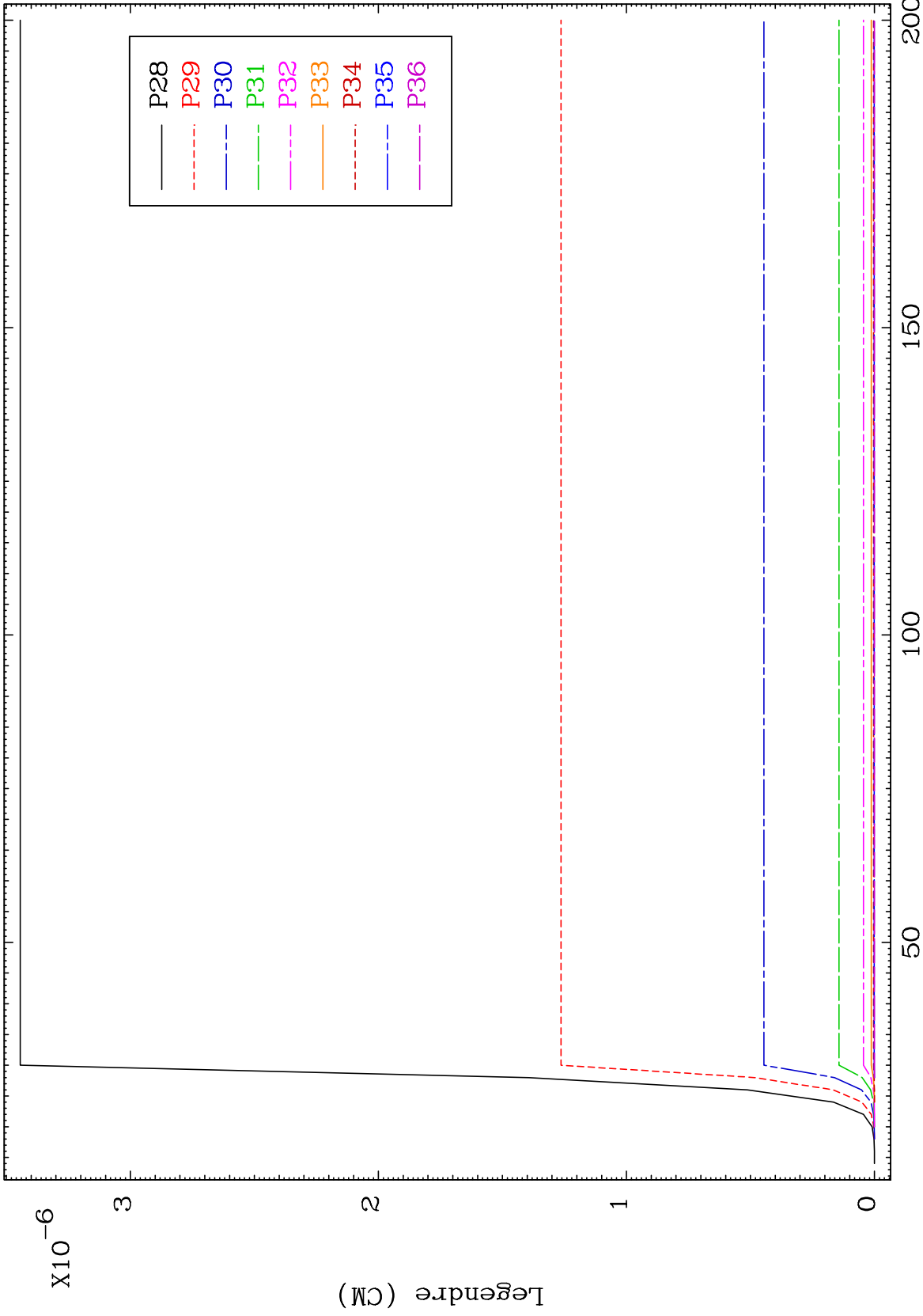
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 52 (n,n') Level  
Legendre Coefficients

56-Ba-142



27

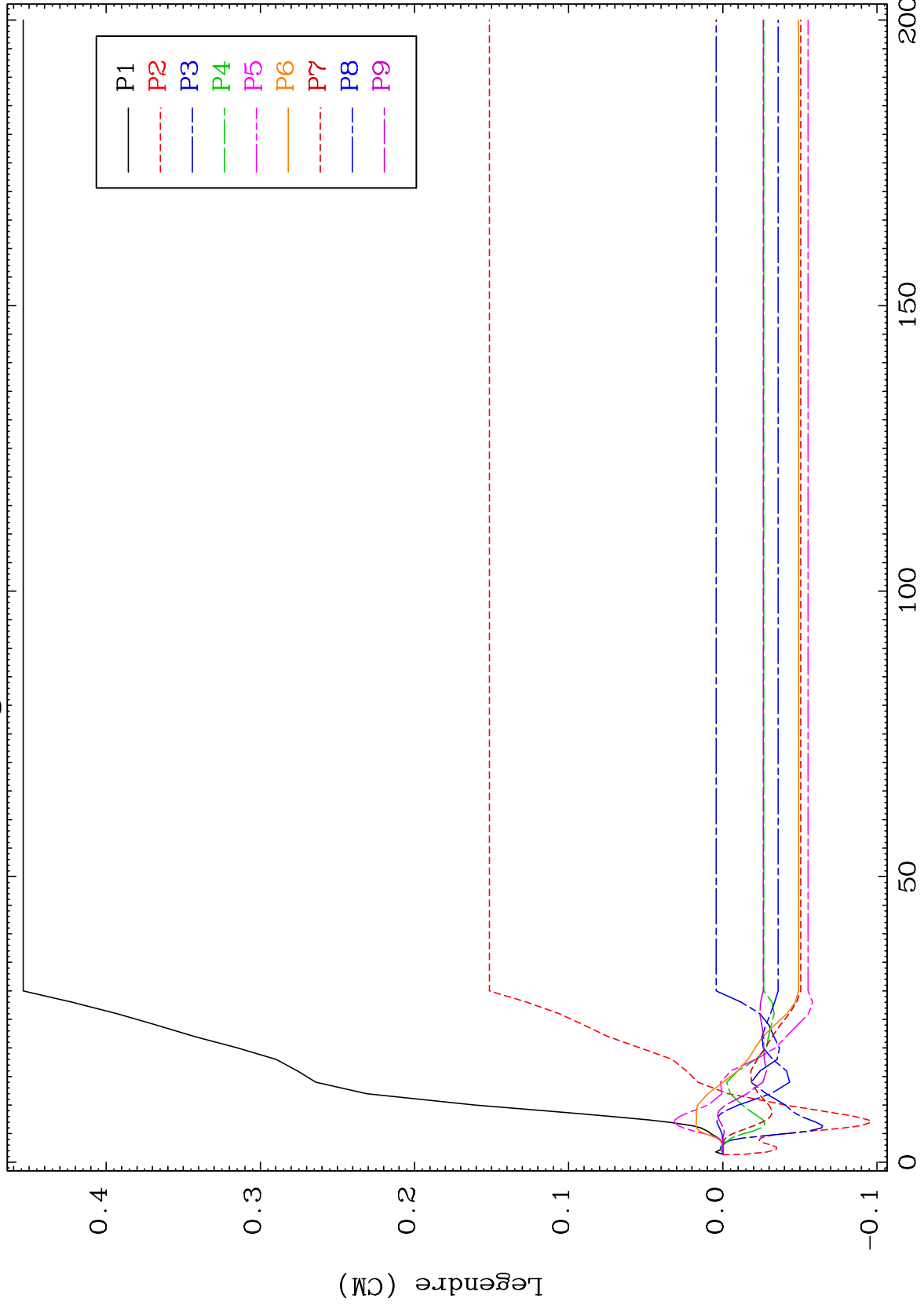
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 53 (n,n') Level  
Legendre Coefficients

56-Ba-142



28

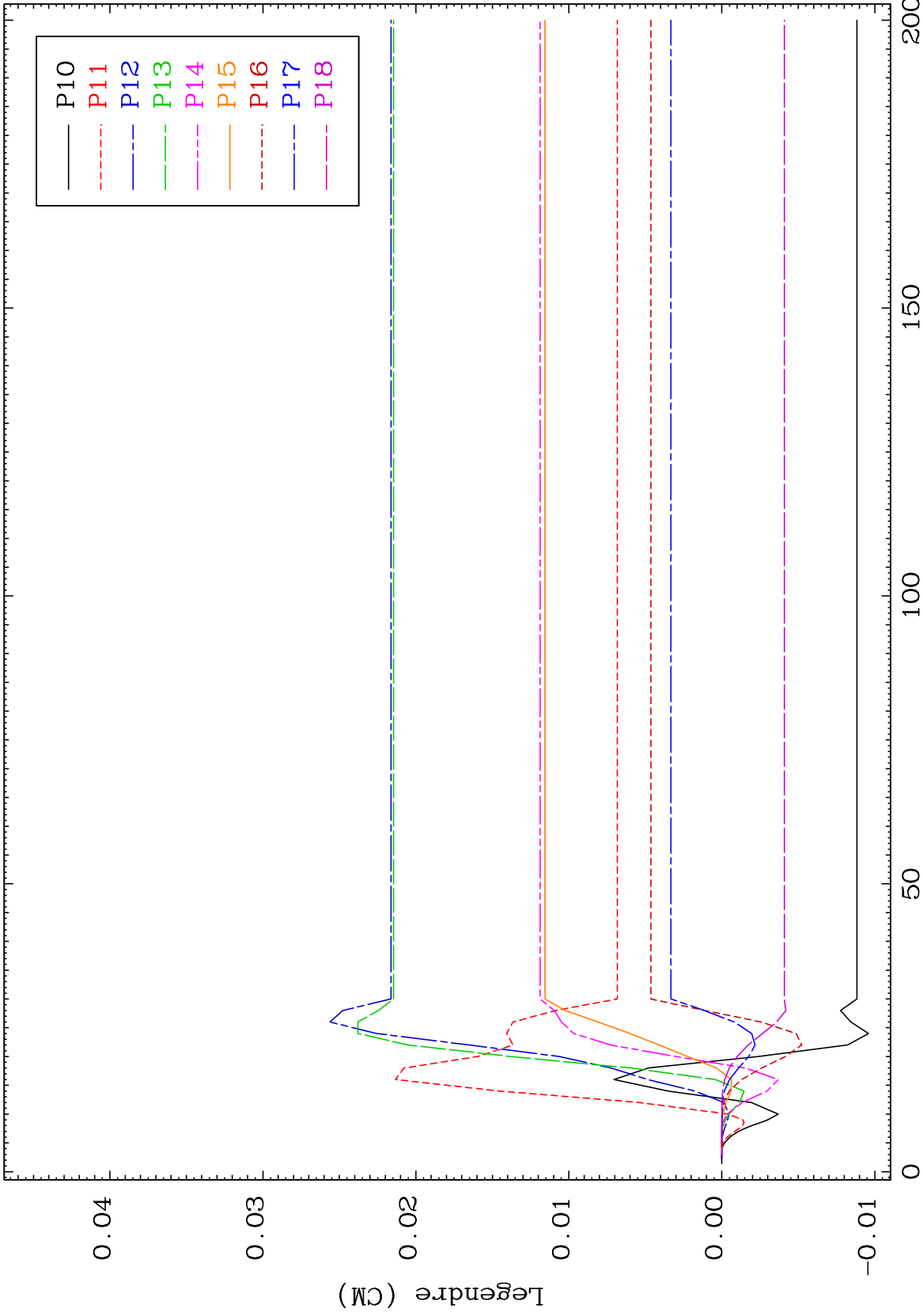
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 53 (n,n') Level  
Legendre Coefficients

56-Ba-142



29

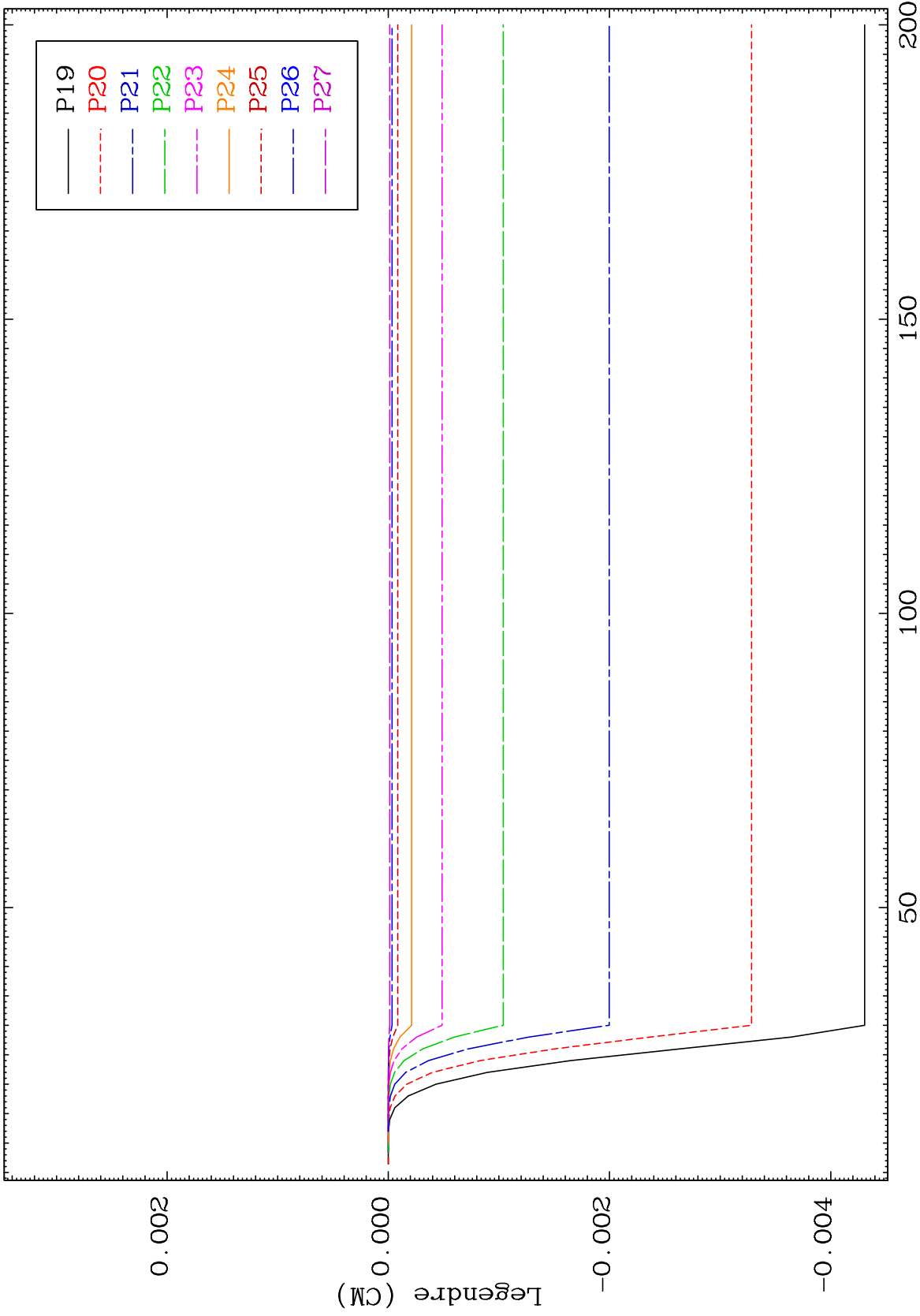
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 53 (n,n') Level  
Legendre Coefficients

56-Ba-142



30

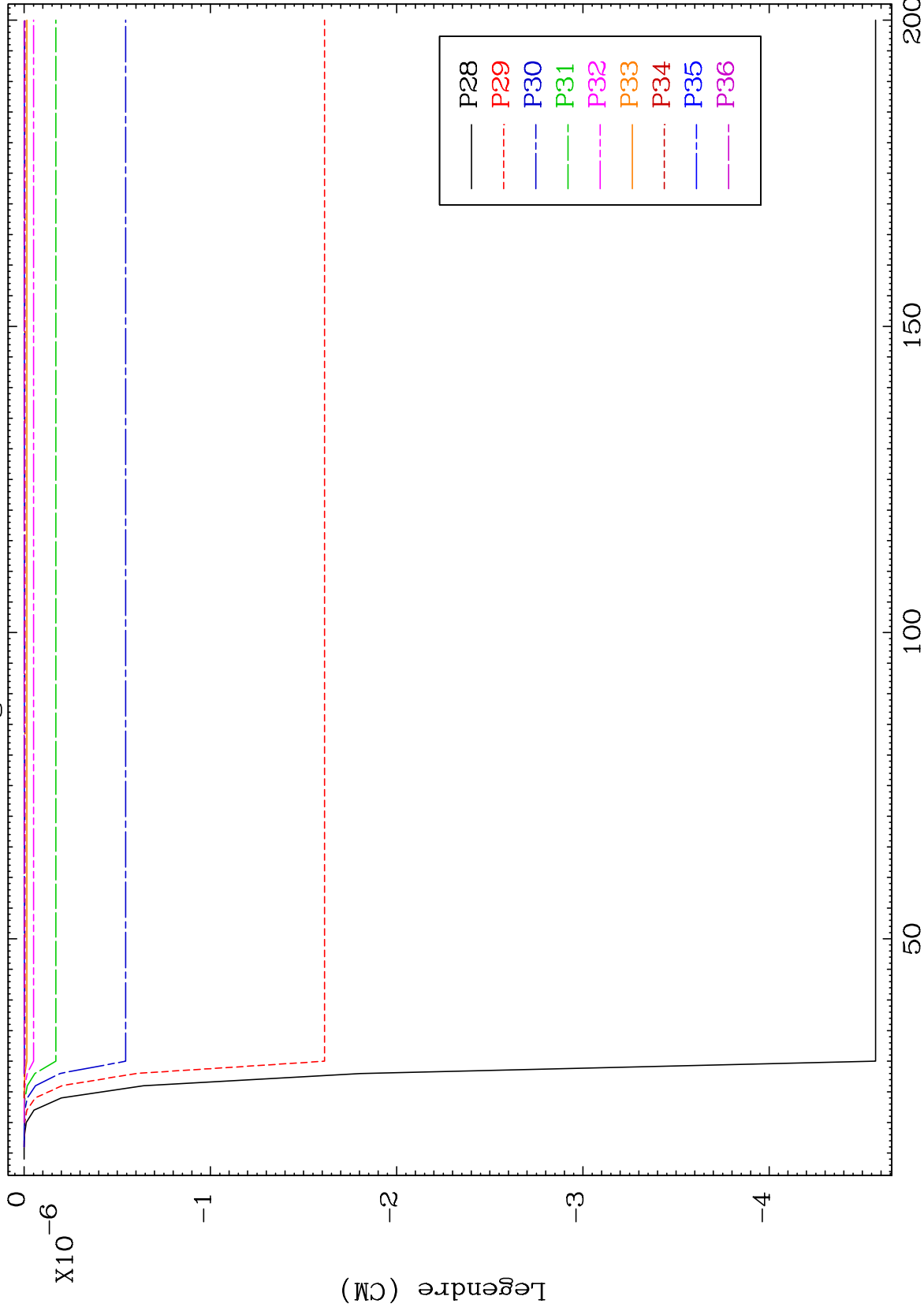
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 53 (n,n') Level  
Legendre Coefficients

56-Ba-142



56-Ba-142

Incident Energy (MeV)

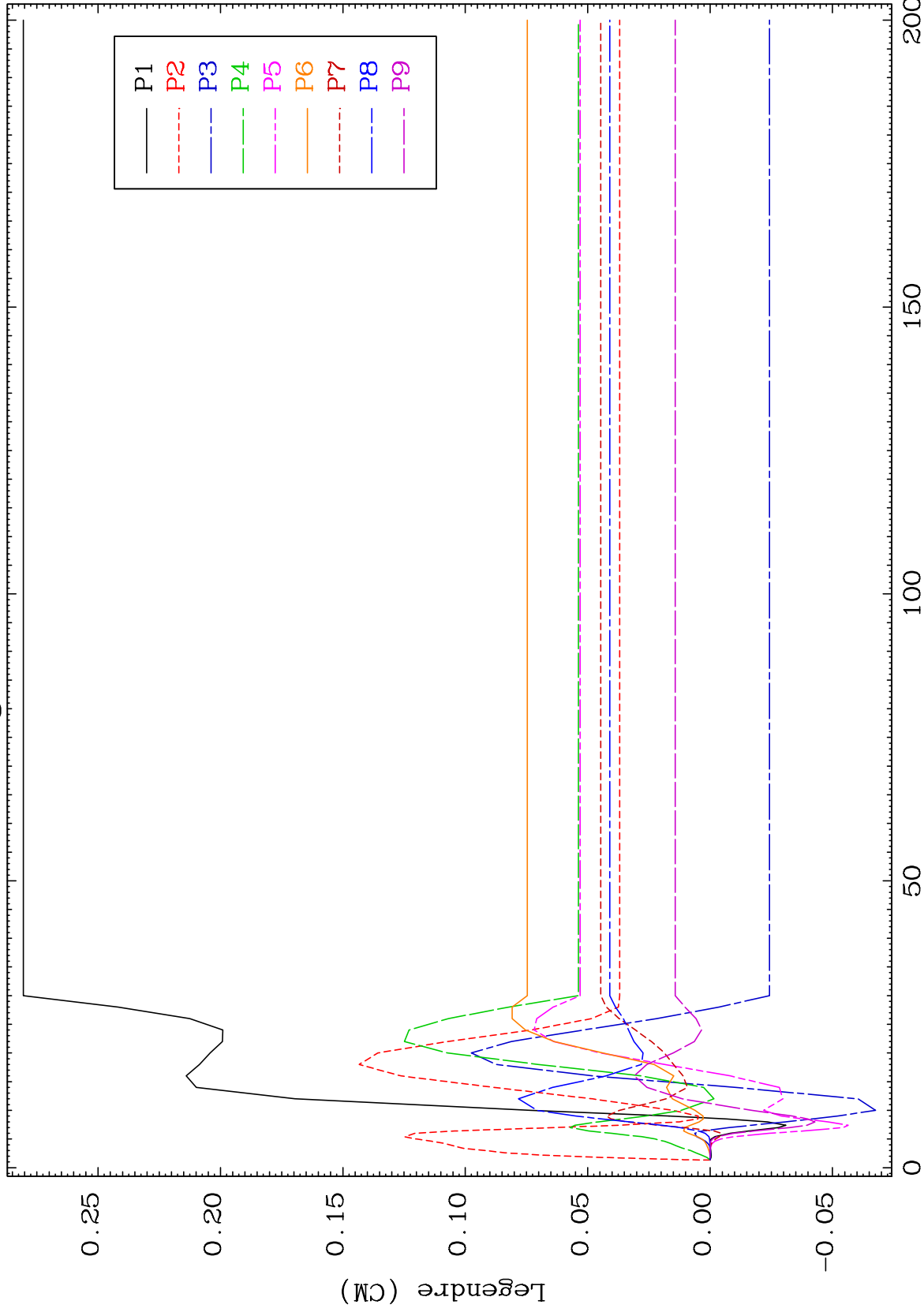
31



MAT 5661

MT= 54 (n,n') Level  
Legendre Coefficients

56-Ba-142



32

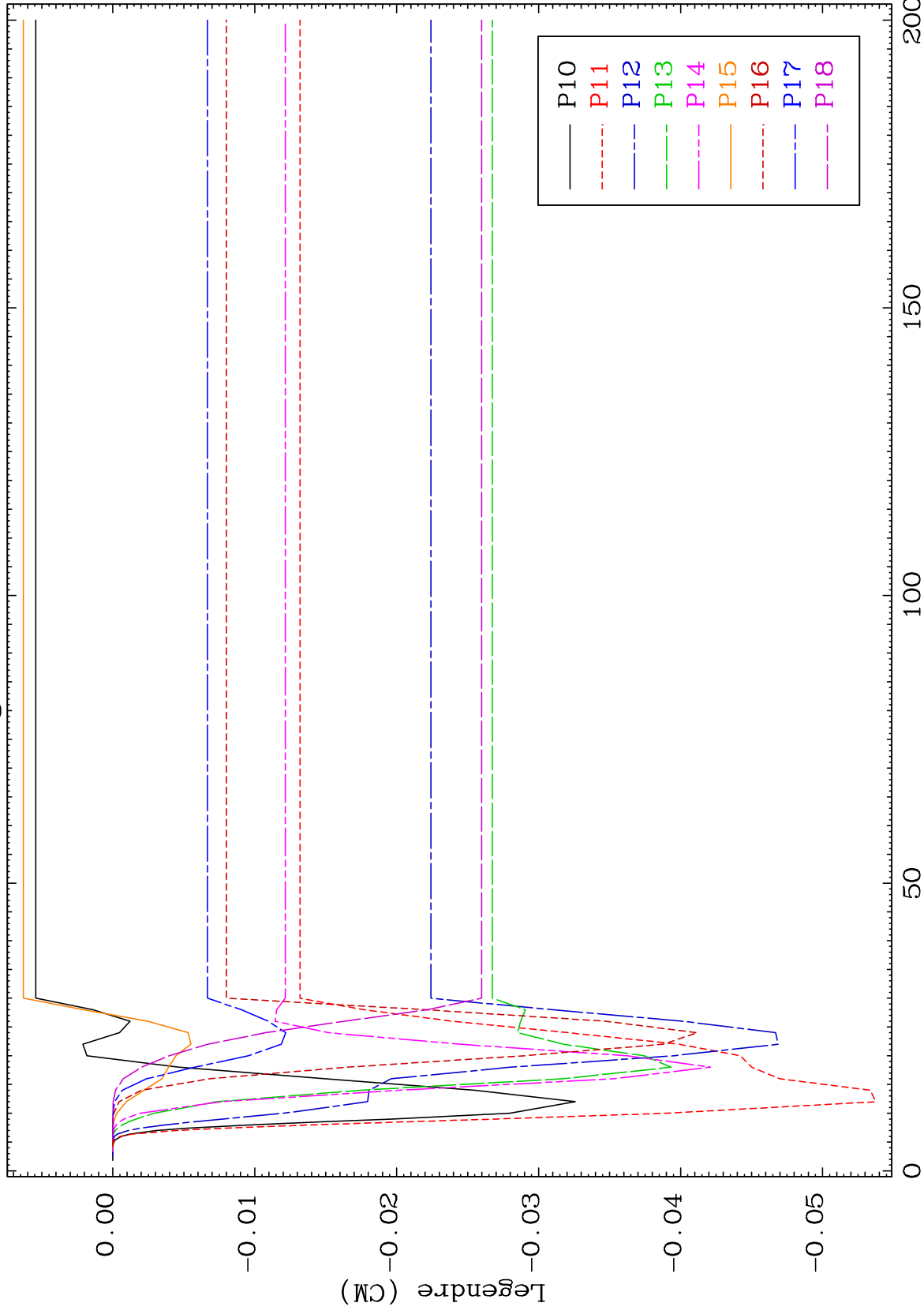
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 54 (n,n') Level  
Legendre Coefficients

56-Ba-142



33

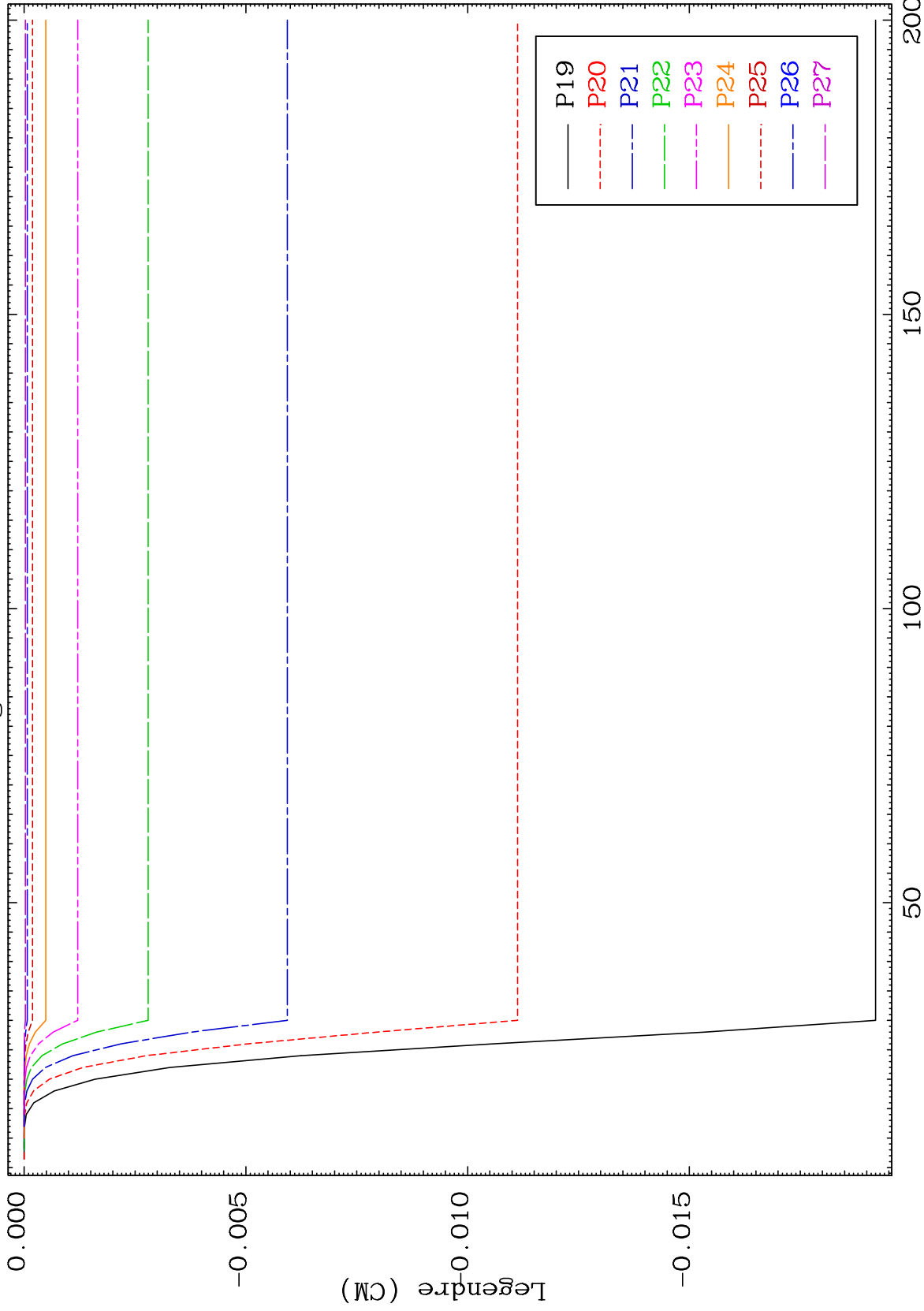
Incident Energy (MeV)

56-Ba-142

56-Ba-142

MT= 54 (n,n') Level  
Legendre Coefficients

MAT 5661



56-Ba-142

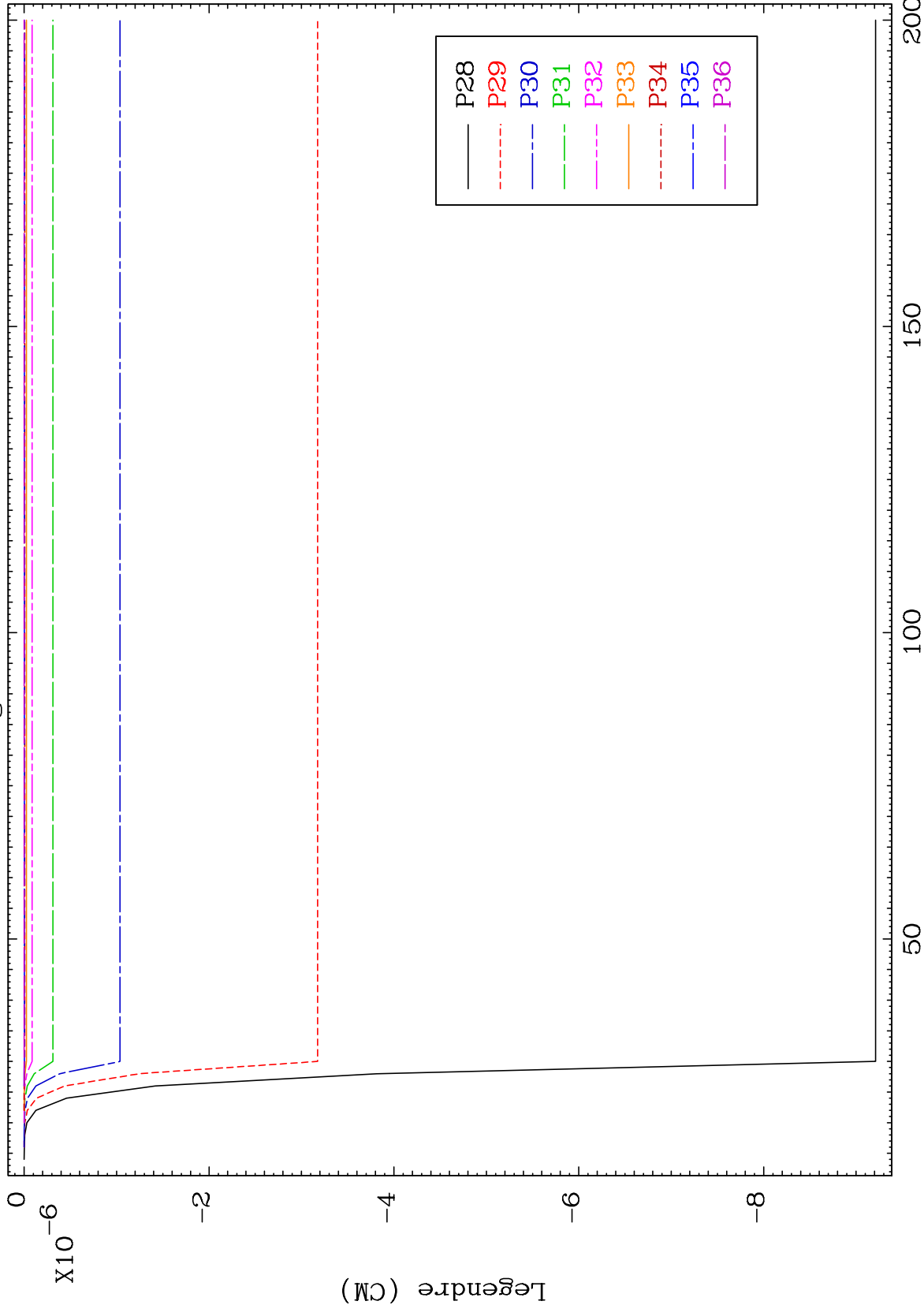
Incident Energy (MeV)

34

MAT 5661

MT= 54 (n,n') Level  
Legendre Coefficients

56-Ba-142

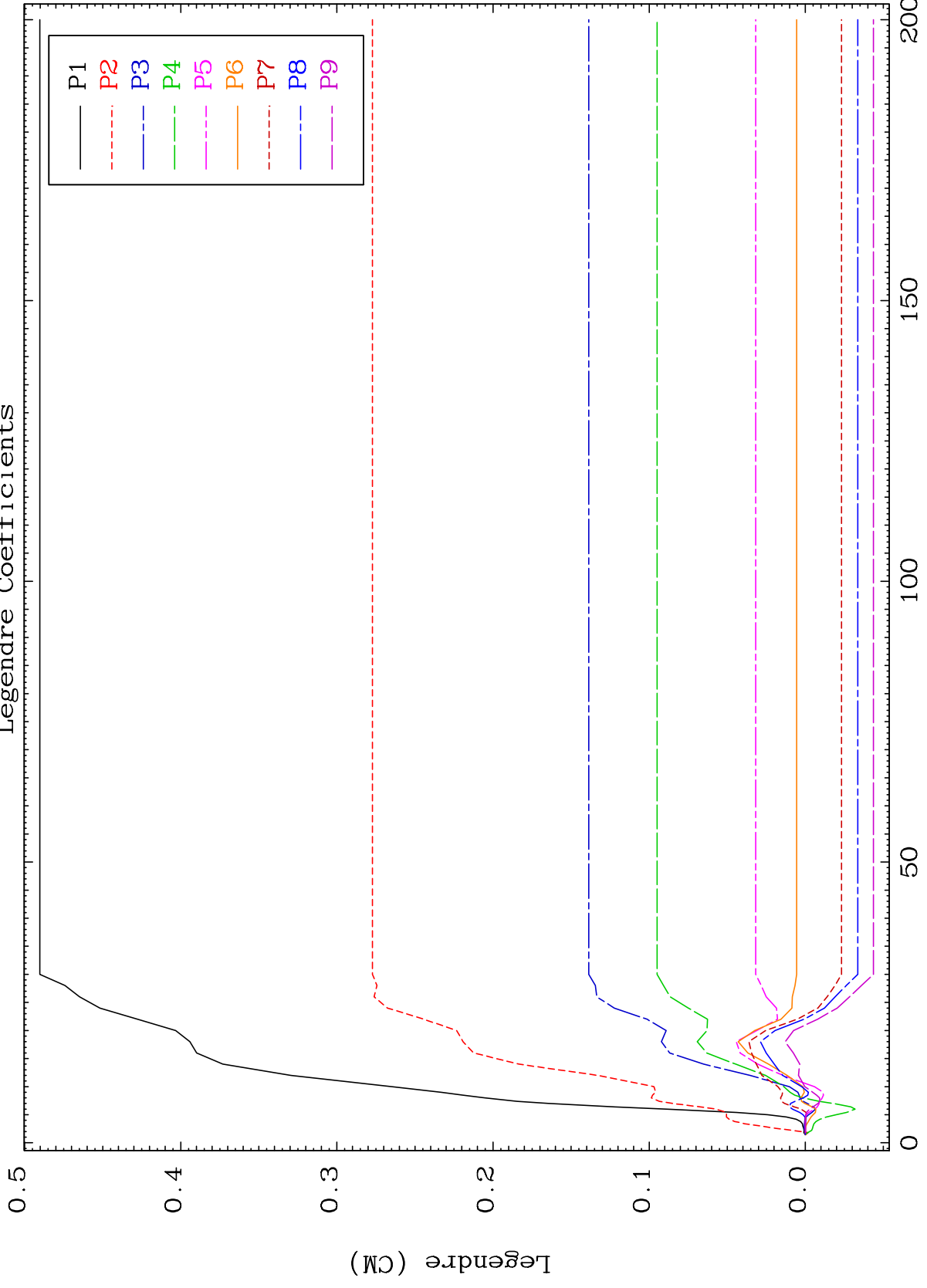


56-Ba-142

Incident Energy (MeV)

35

MAT 5661 MT= 55 (n,n') Level Legendre Coefficients 56-Ba-142

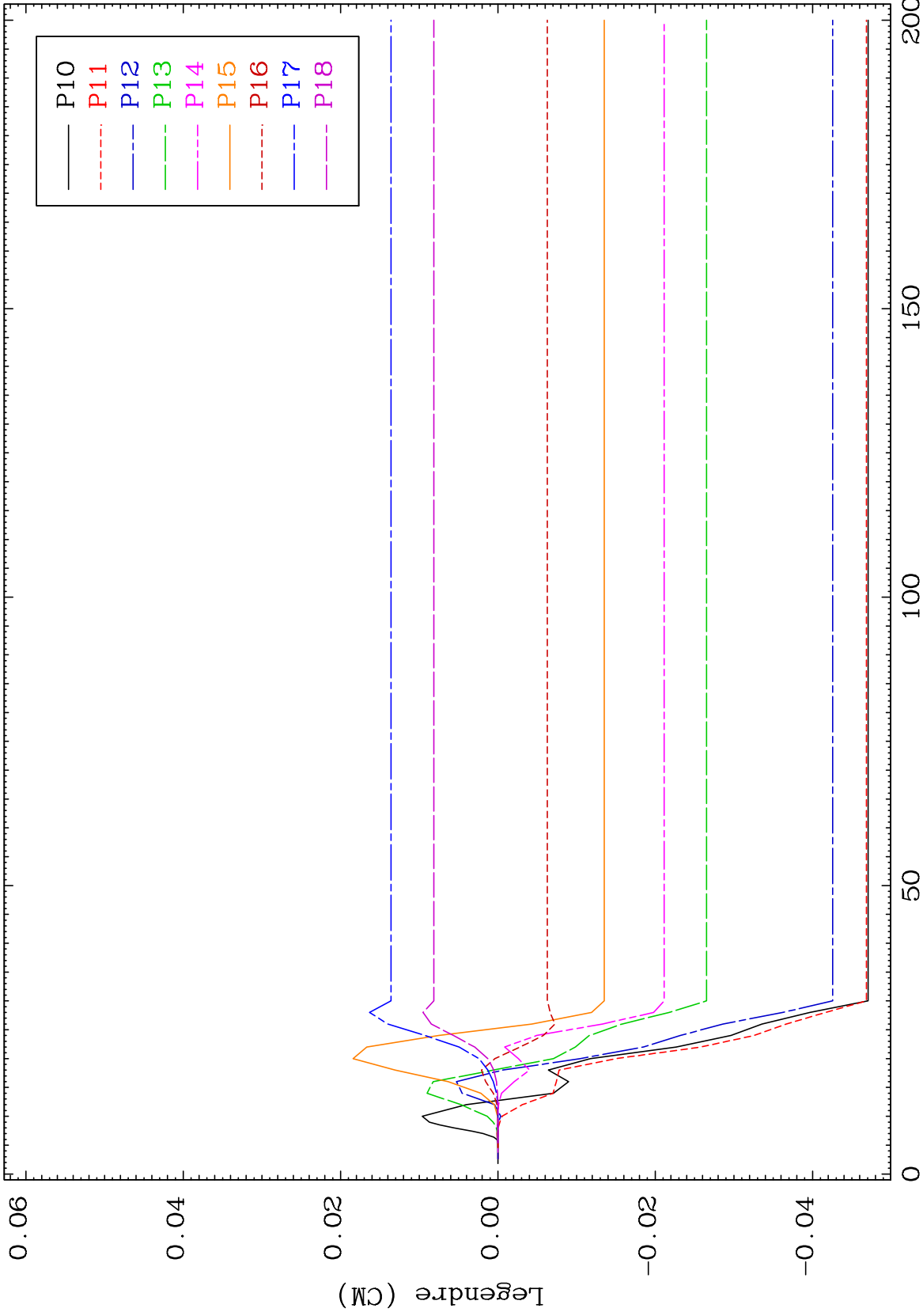


36 56-Ba-142

MAT 5661

MT= 55 (n,n') Level  
Legendre Coefficients

56-Ba-142



37

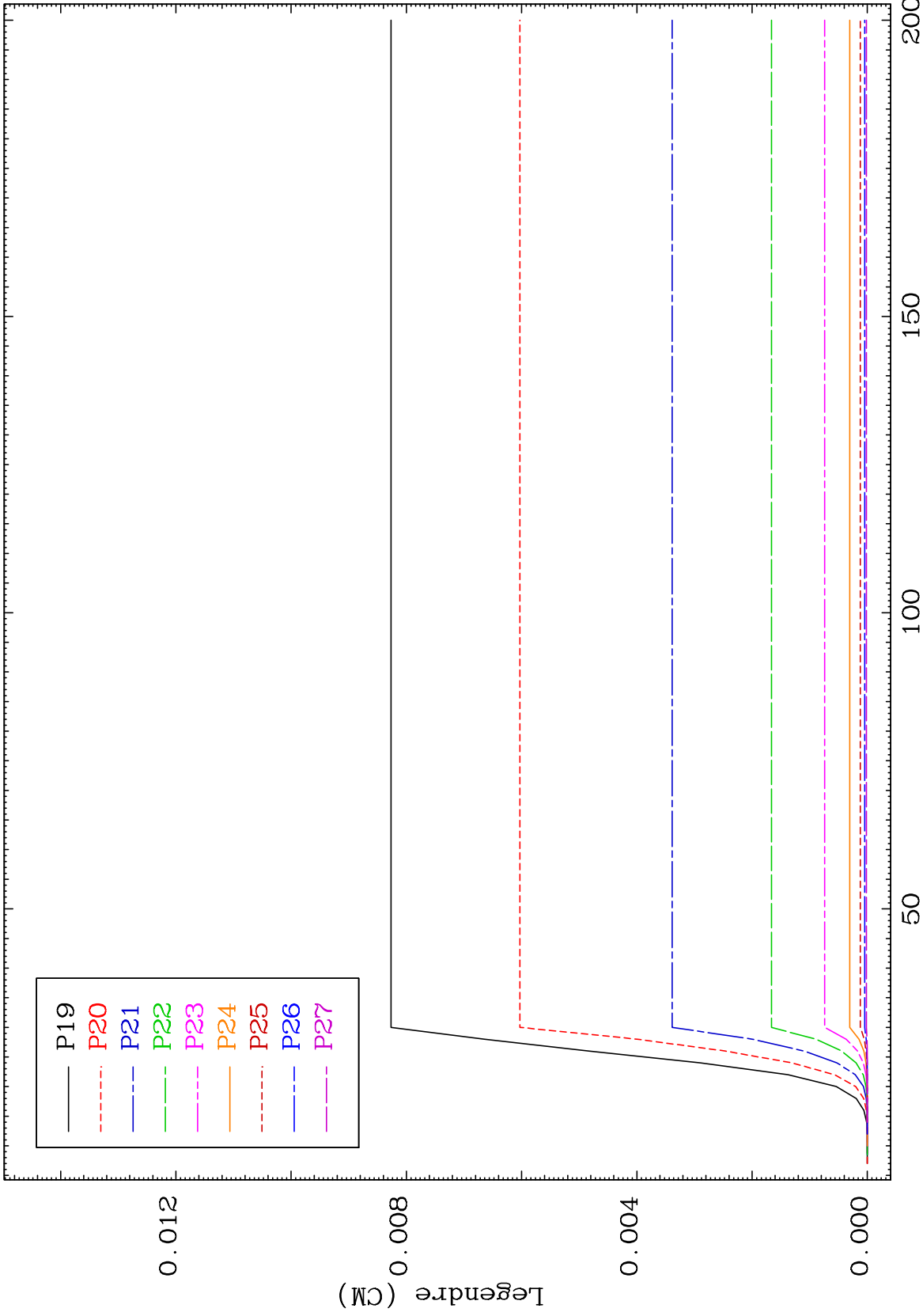
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 55 (n,n') Level  
Legendre Coefficients

56-Ba-142



38

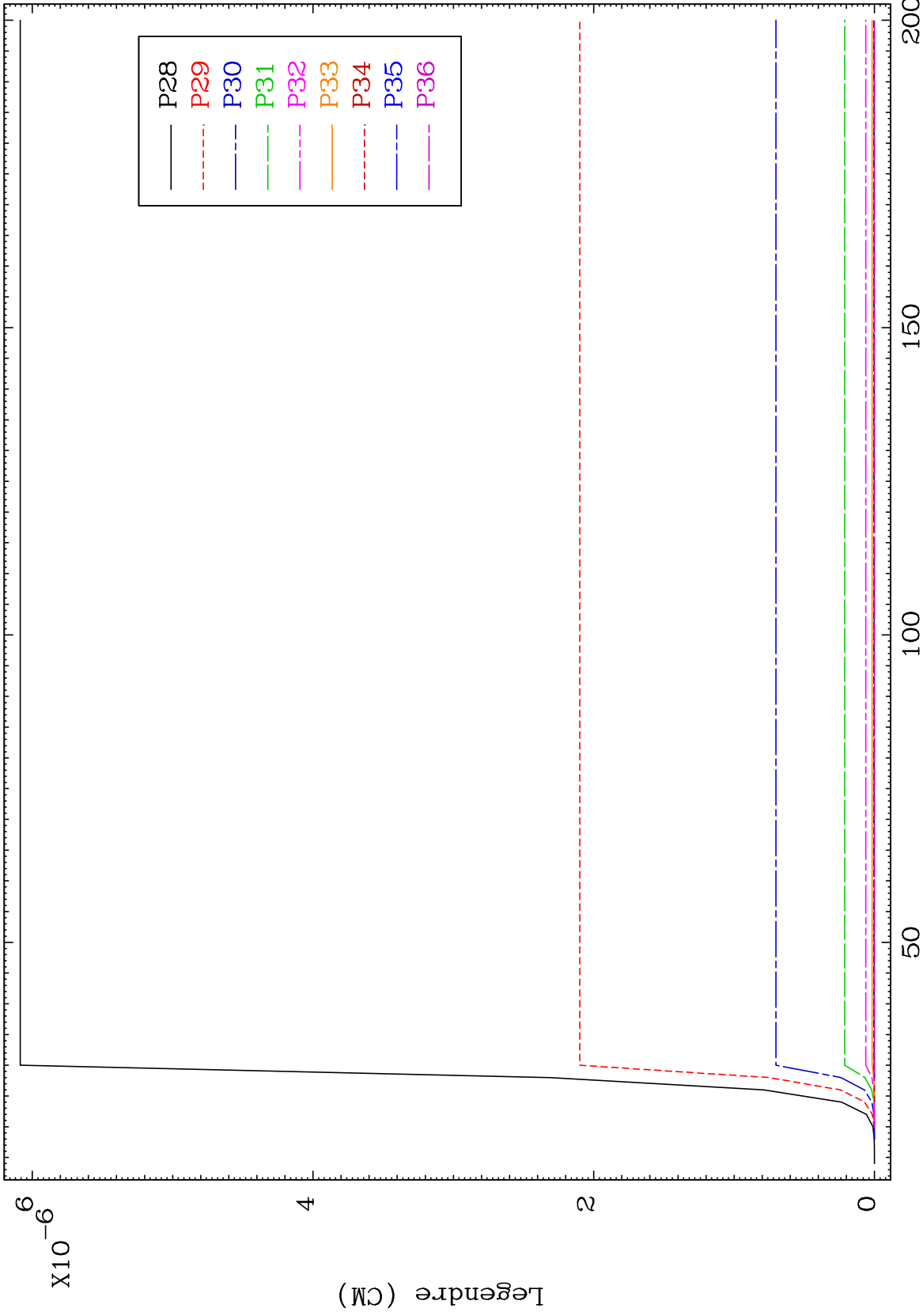
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 55 (n,n') Level  
Legendre Coefficients

56-Ba-142



39

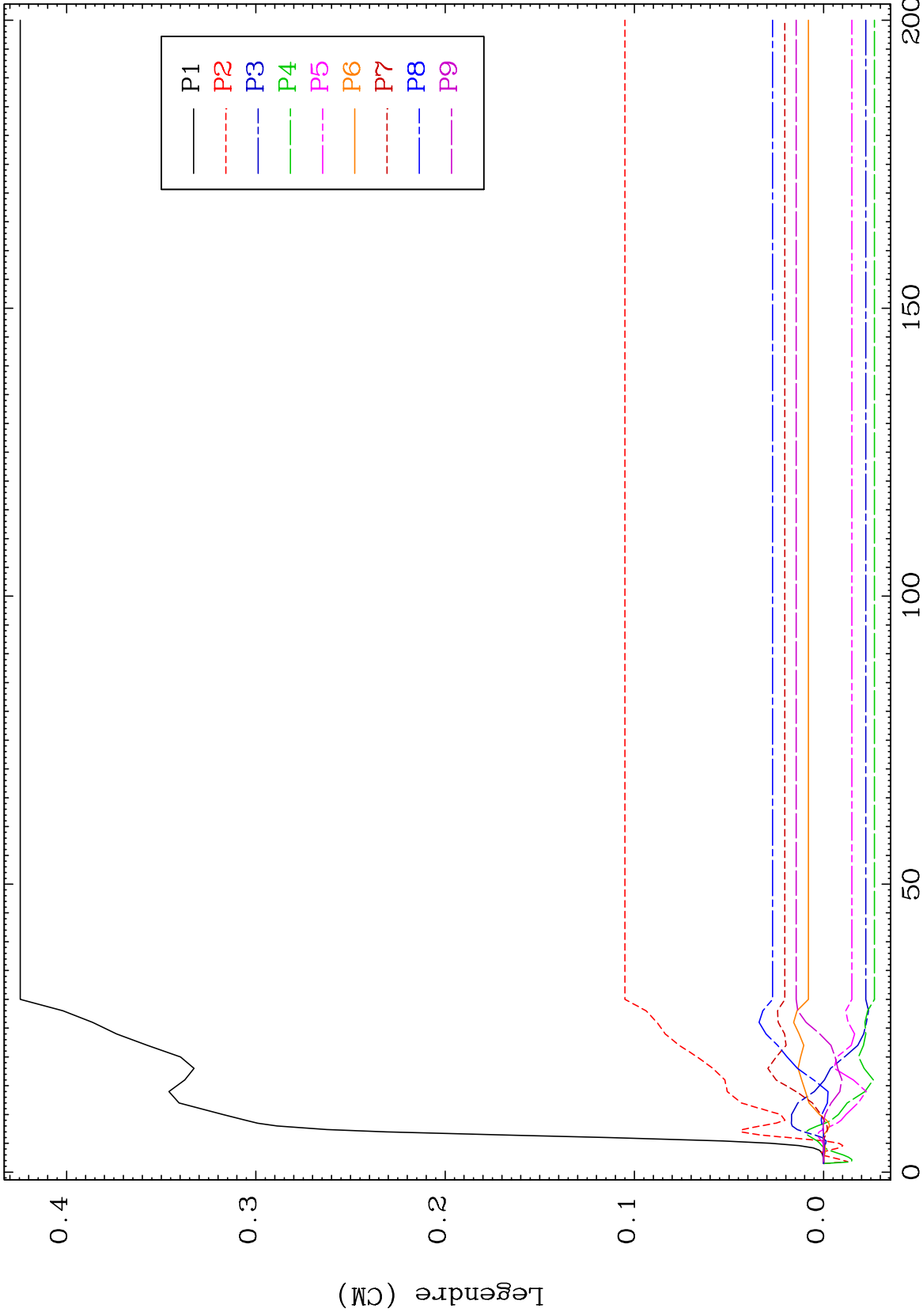
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MAT 5661

MT= 56 (n,n') Level  
Legendre Coefficients

56-Ba-142



40

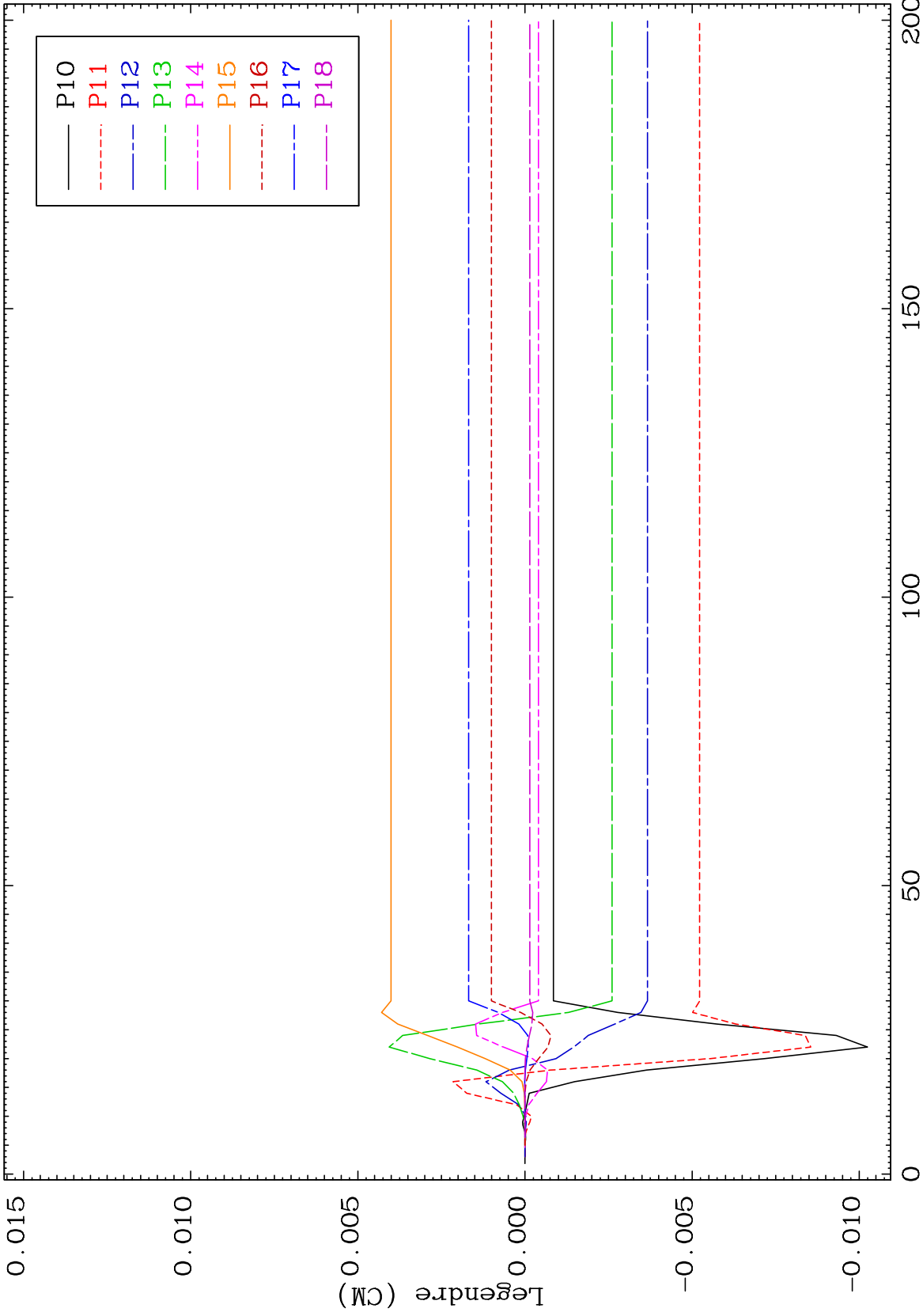
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 56 (n,n') Level  
Legendre Coefficients

56-Ba-142



41

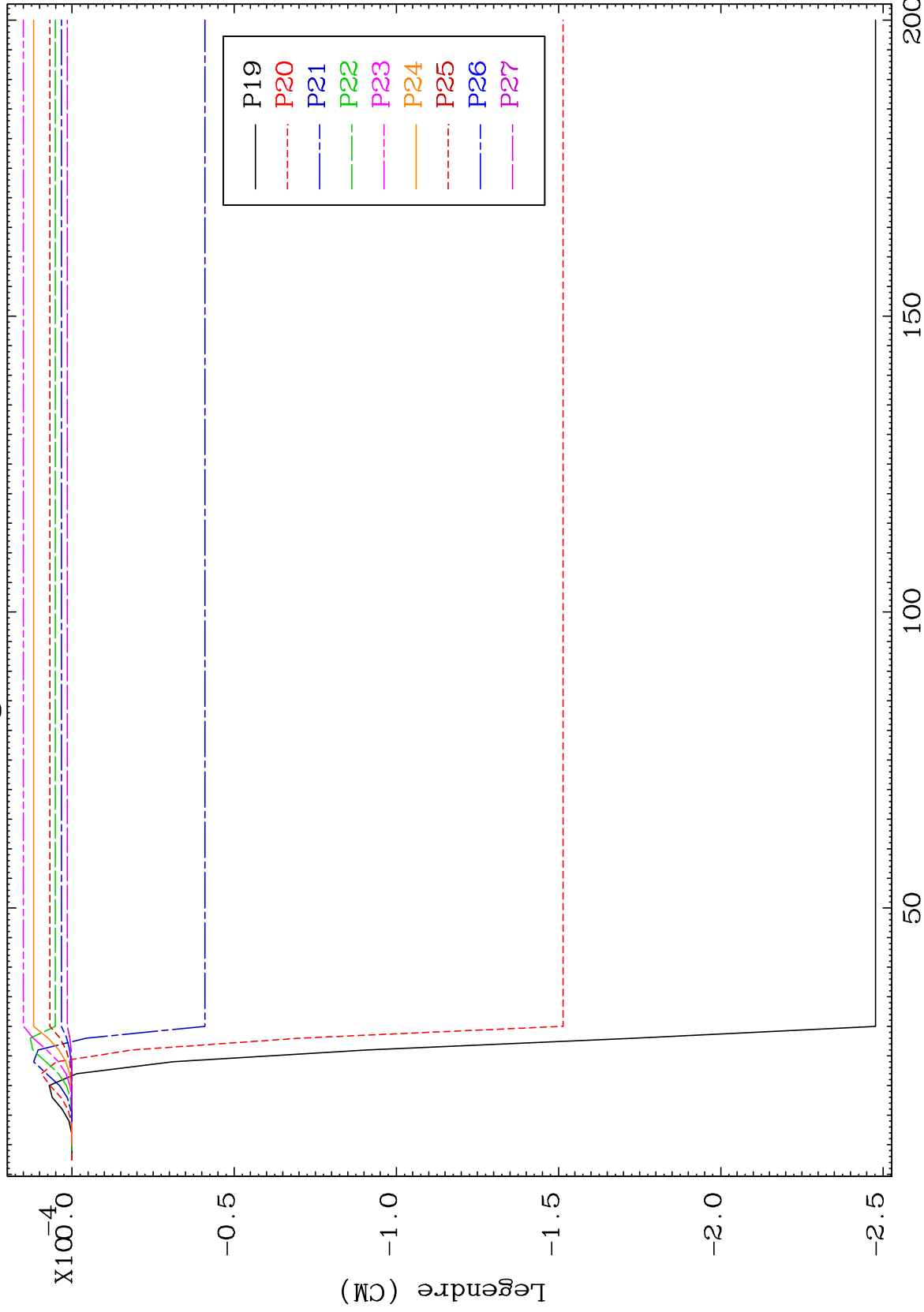
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 56 (n,n') Level  
Legendre Coefficients

56-Ba-142



42

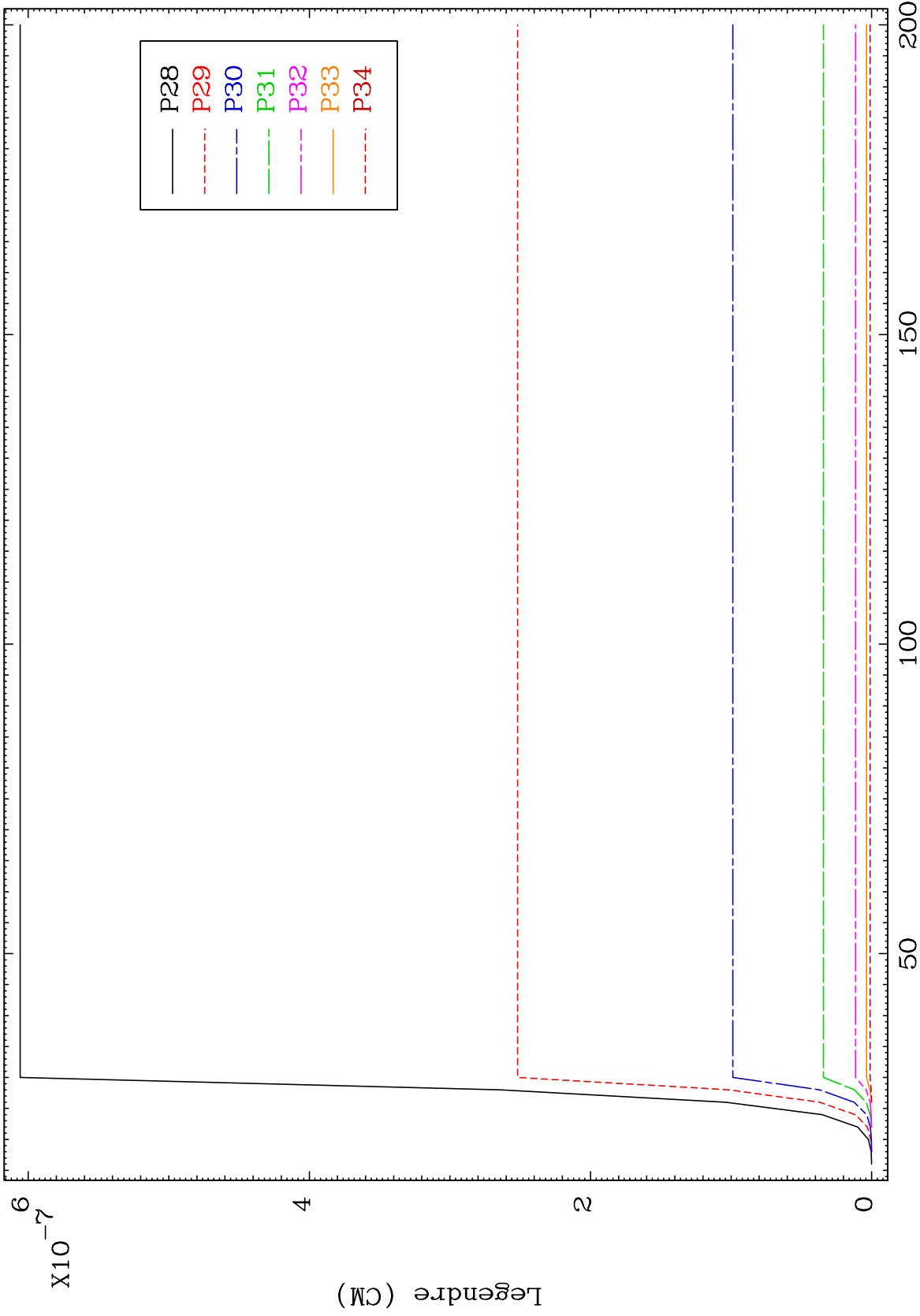
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 56 (n,n') Level  
Legendre Coefficients

56-Ba-142

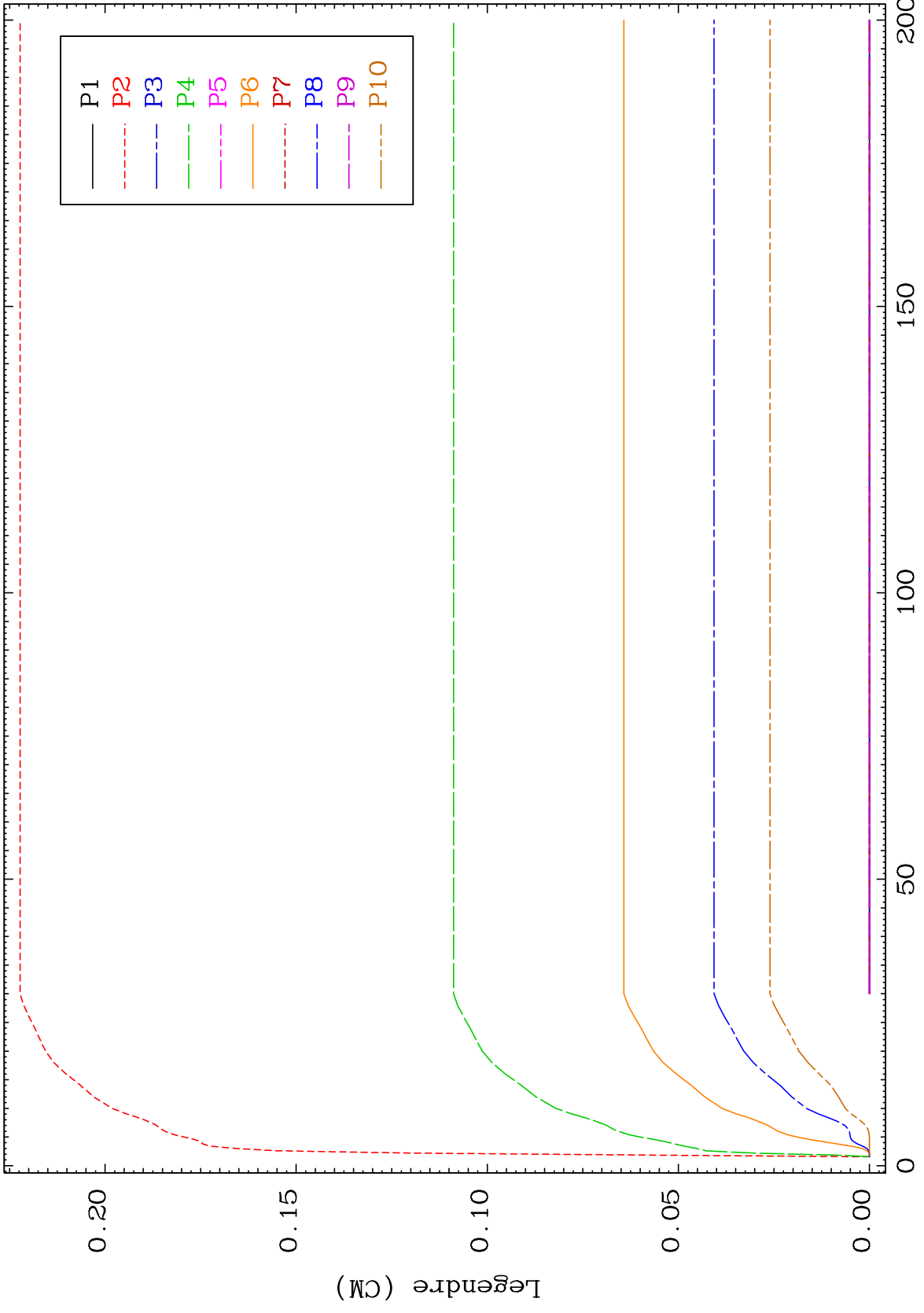


43

Incident Energy (MeV)

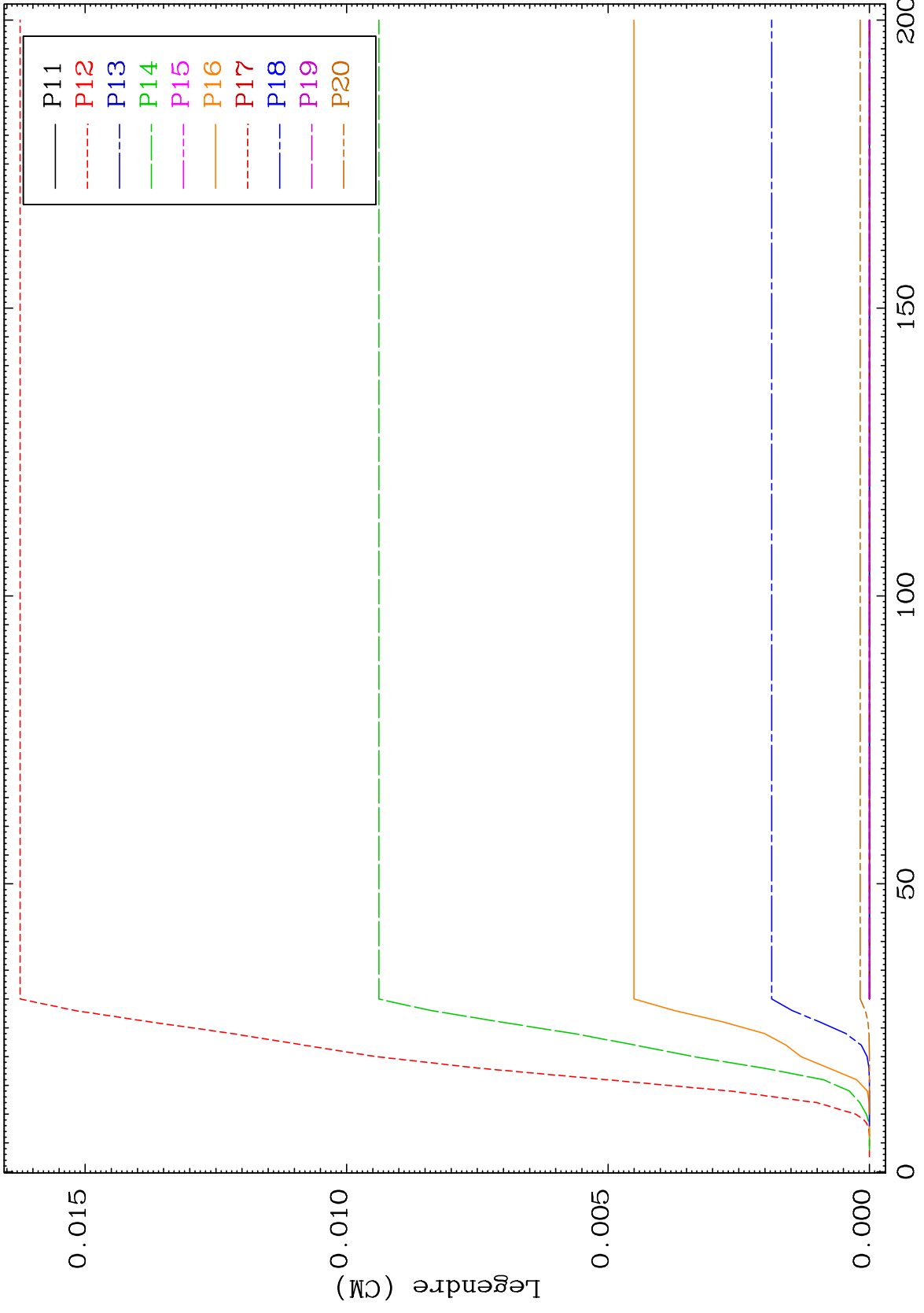
56-Ba-142

MAT 5661 MT= 57 (n,n') Level Legendre Coefficients 56-Ba-142



44 56-Ba-142

MAT 5661 MT= 57 (n,n') Level Legendre Coefficients 56-Ba-142

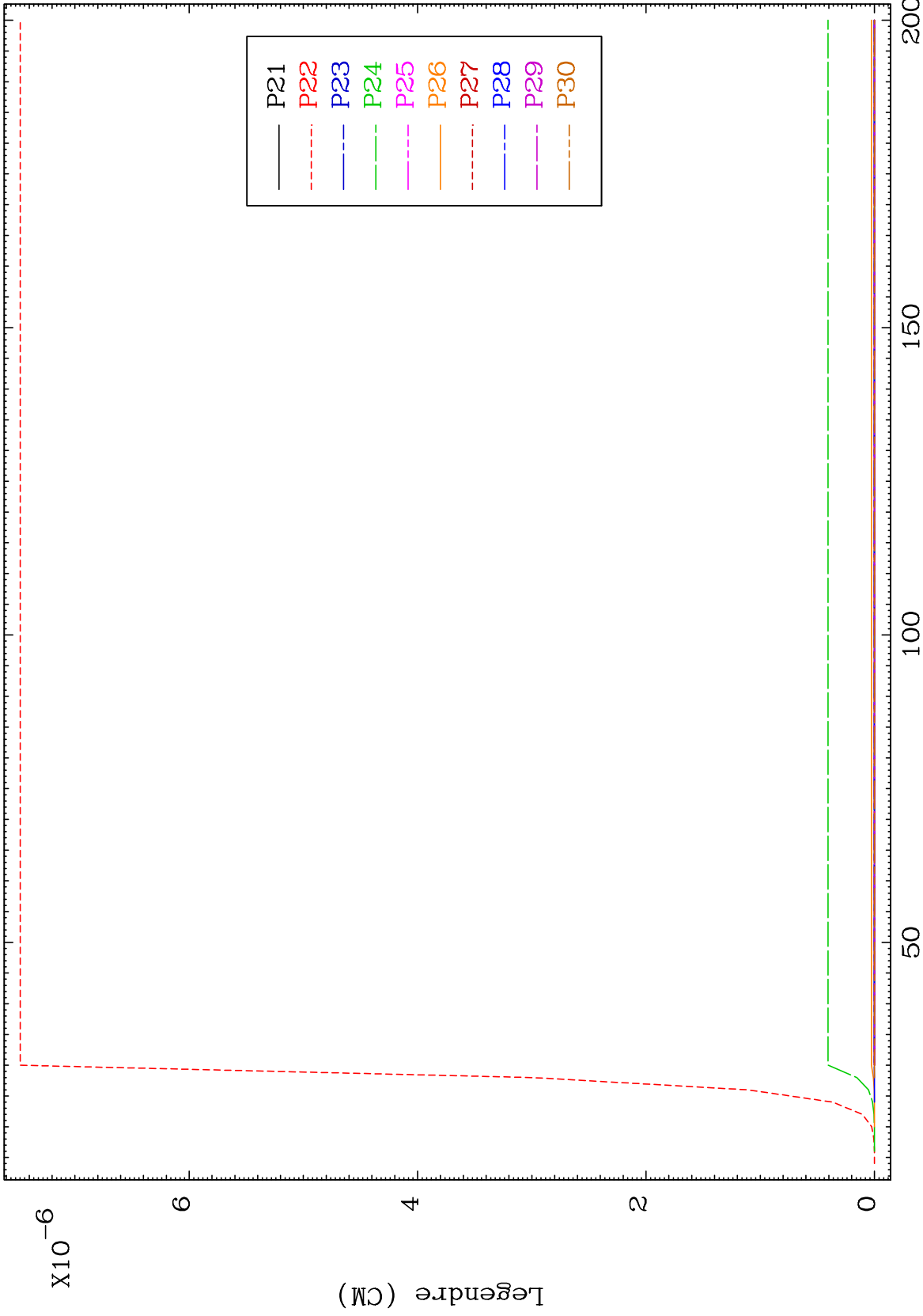


56-Ba-142

MAT 5661

MT= 57 (n,n') Level  
Legendre Coefficients

56-Ba-142



46

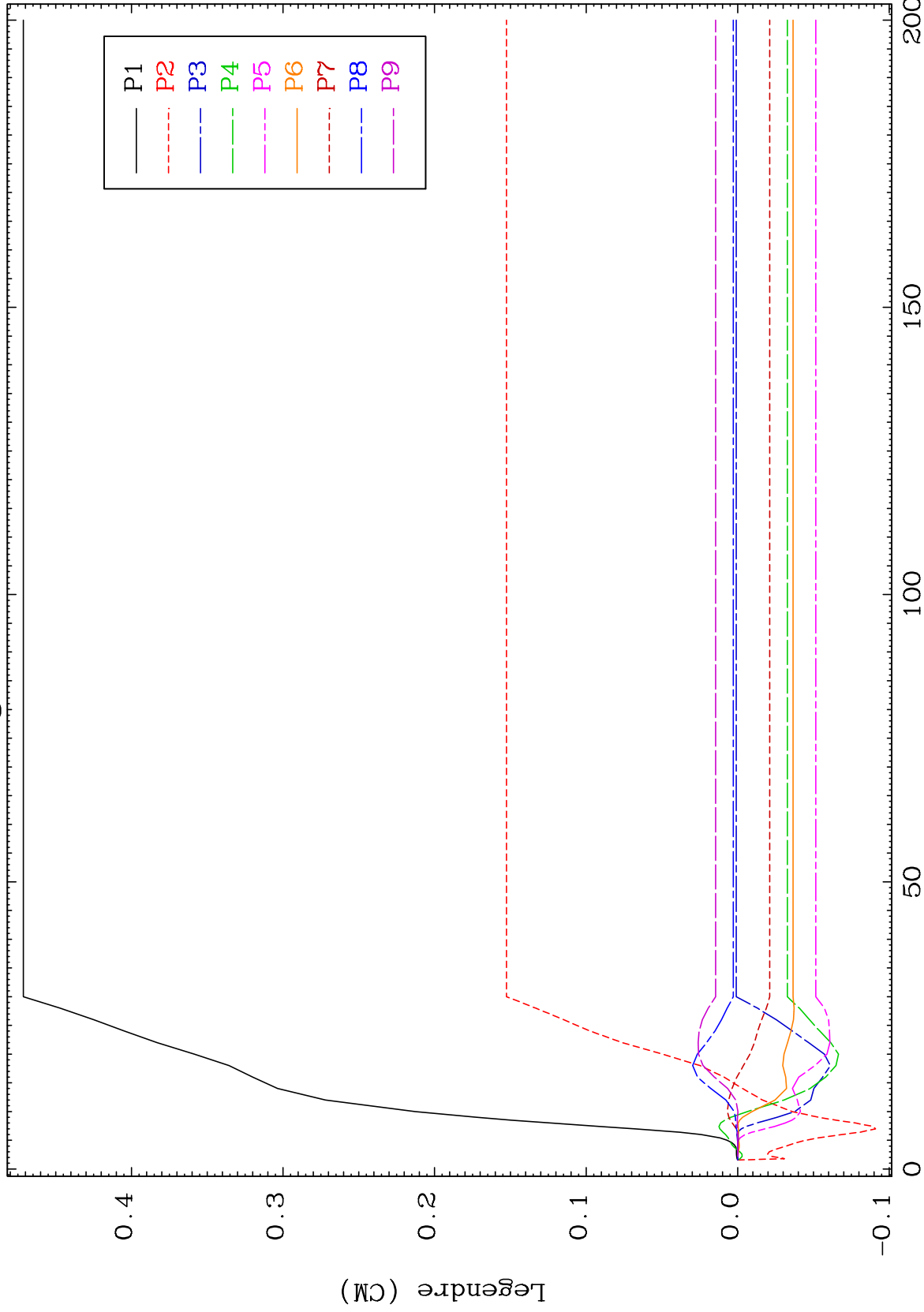
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 58 (n,n') Level  
Legendre Coefficients

56-Ba-142



47

Incident Energy (MeV)

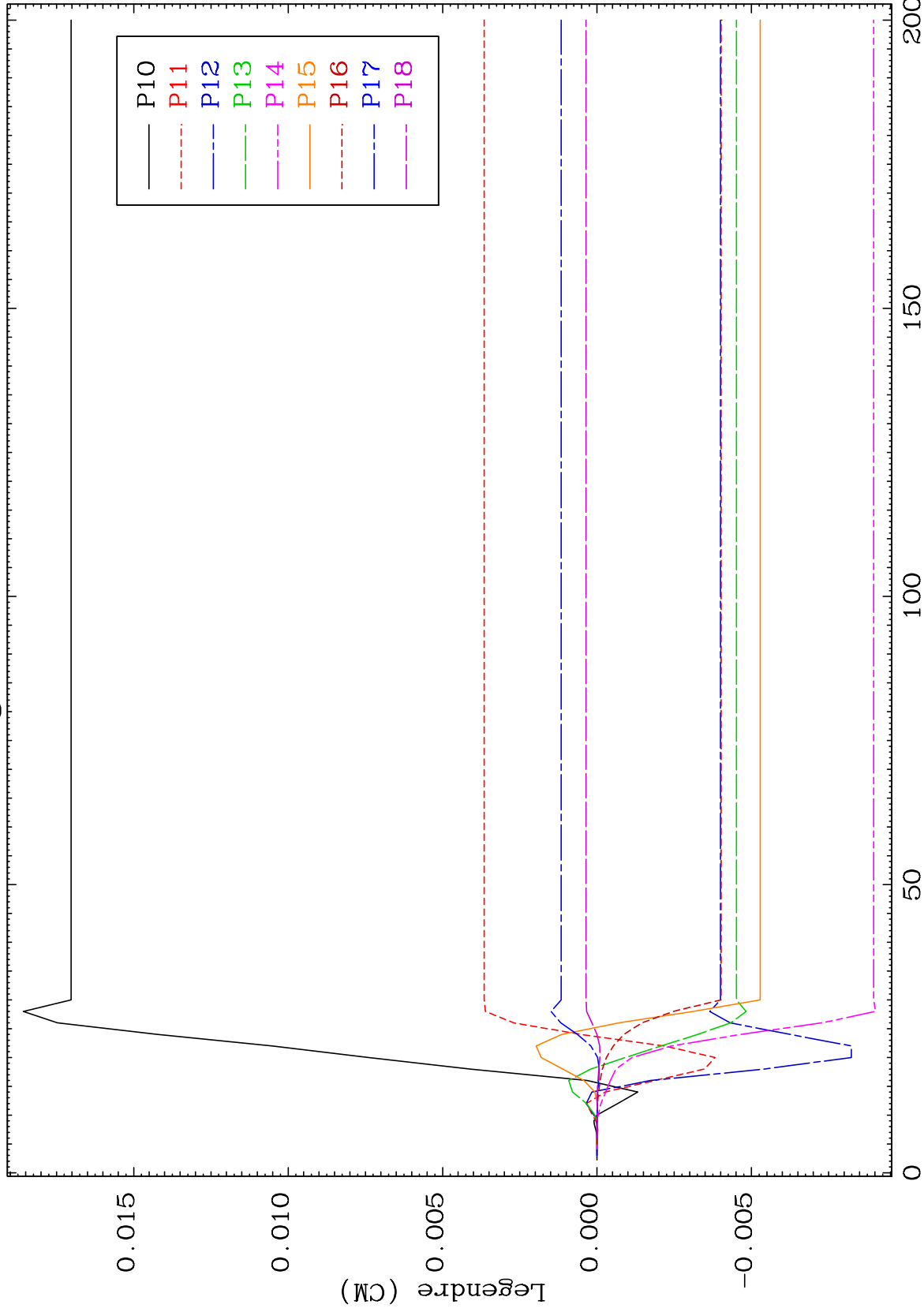
56-Ba-142



MAT 5661

MT= 58 (n,n') Level  
Legendre Coefficients

56-Ba-142



48

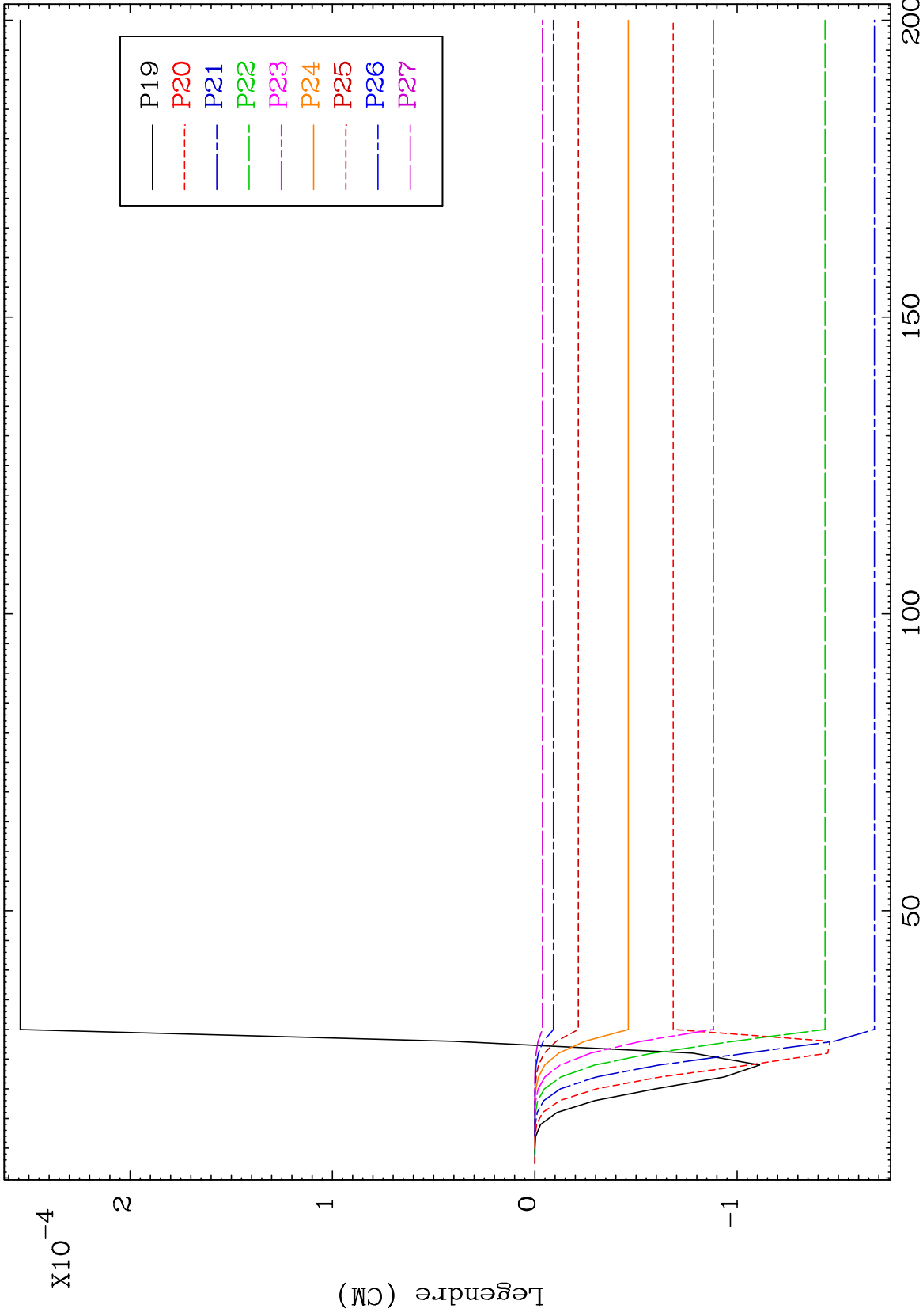
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 58 (n,n') Level  
Legendre Coefficients

56-Ba-142



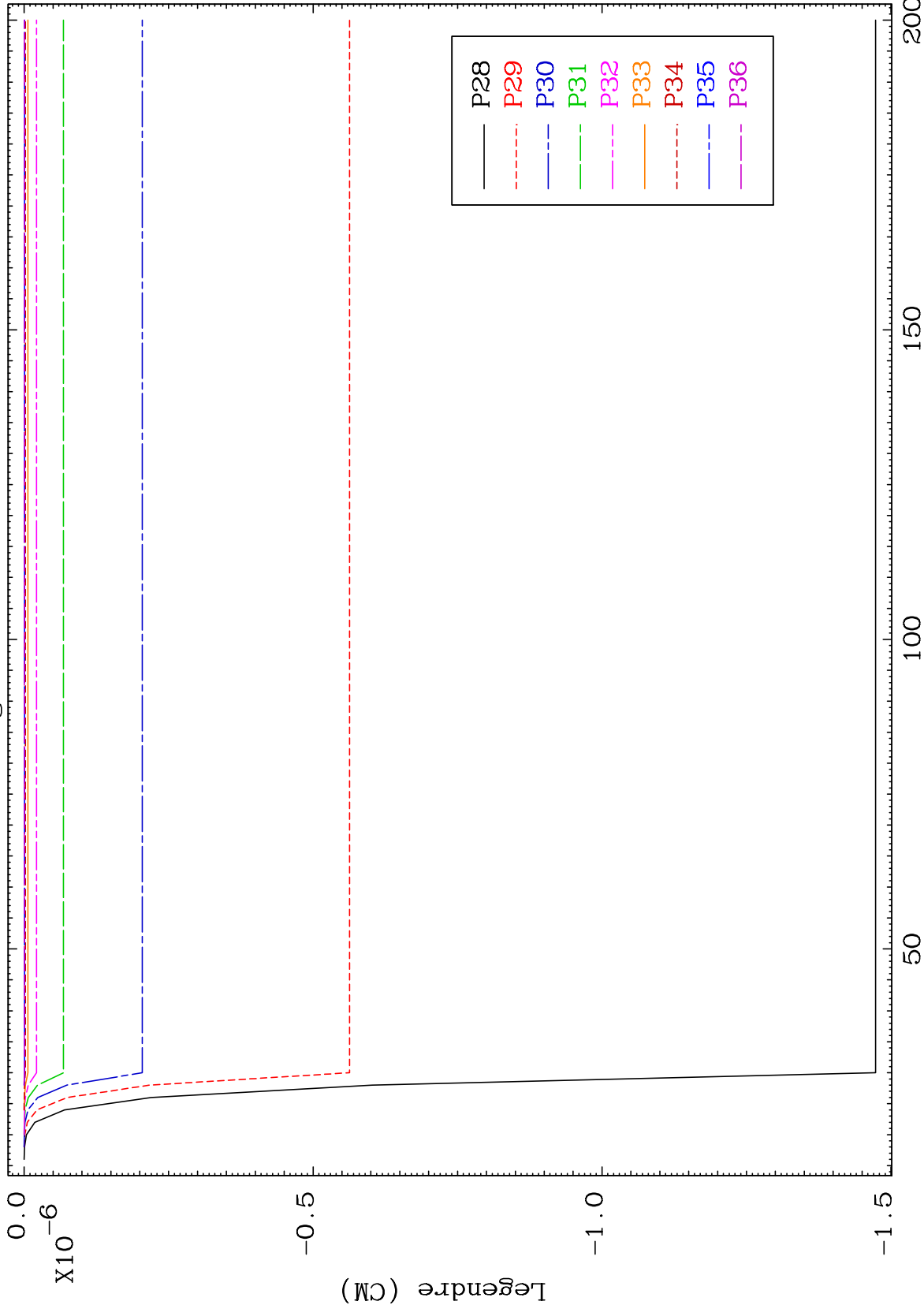
49

56-Ba-142

MAT 5661

MT= 58 (n,n') Level  
Legendre Coefficients

56-Ba-142

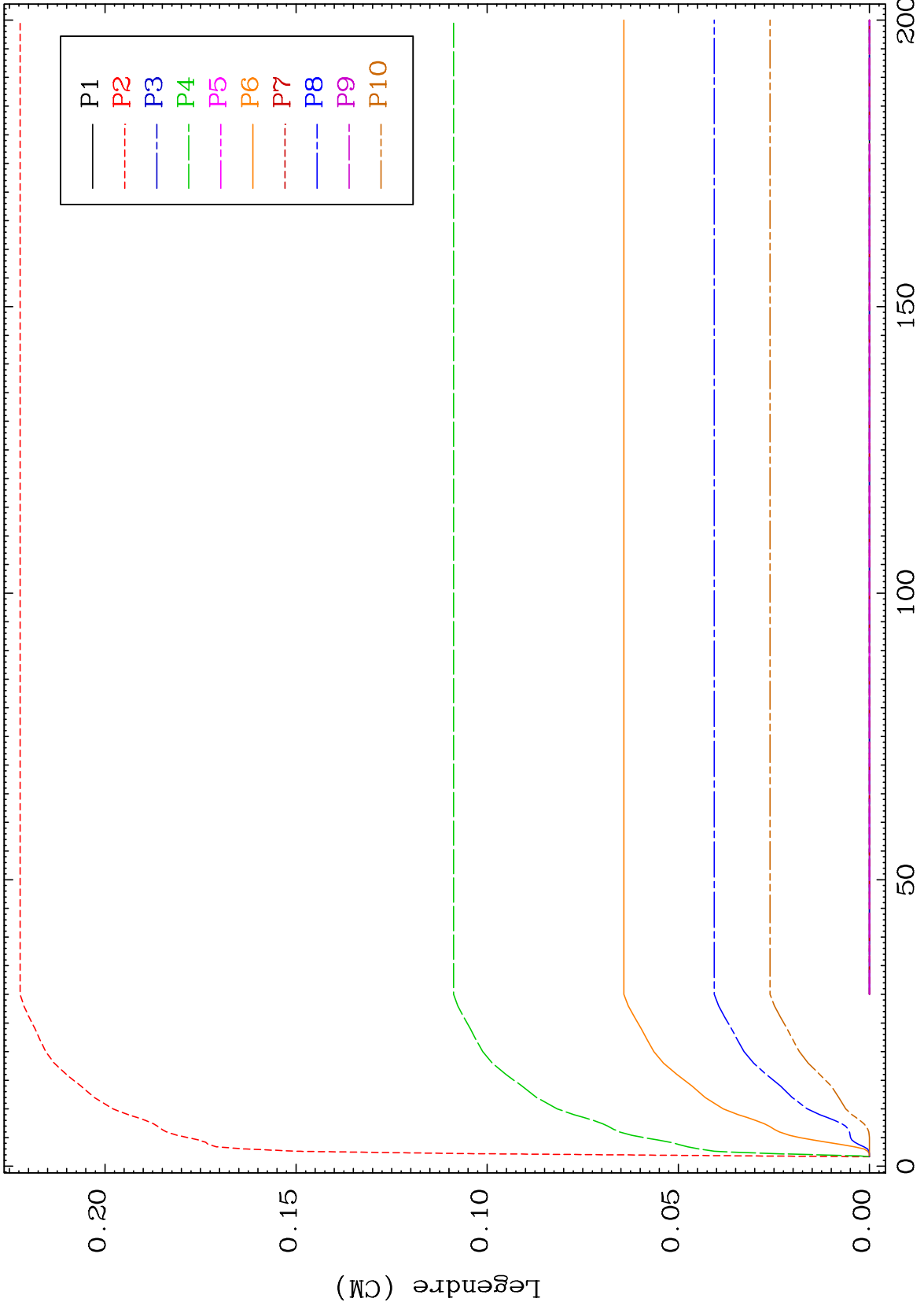


56-Ba-142

Incident Energy (MeV)

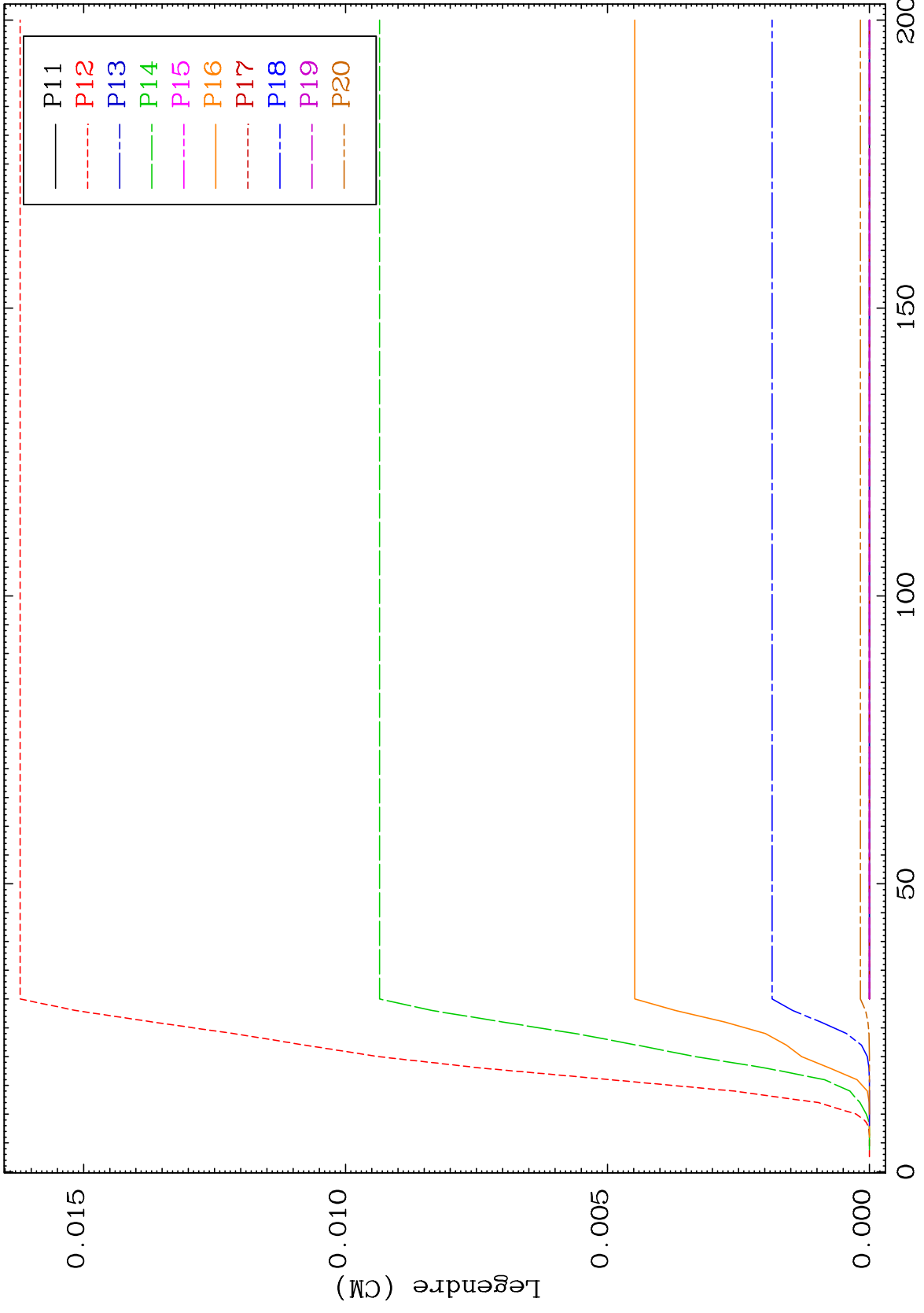
50

MAT 5661 MT= 59 (n,n') Level Legendre Coefficients 56-Ba-142



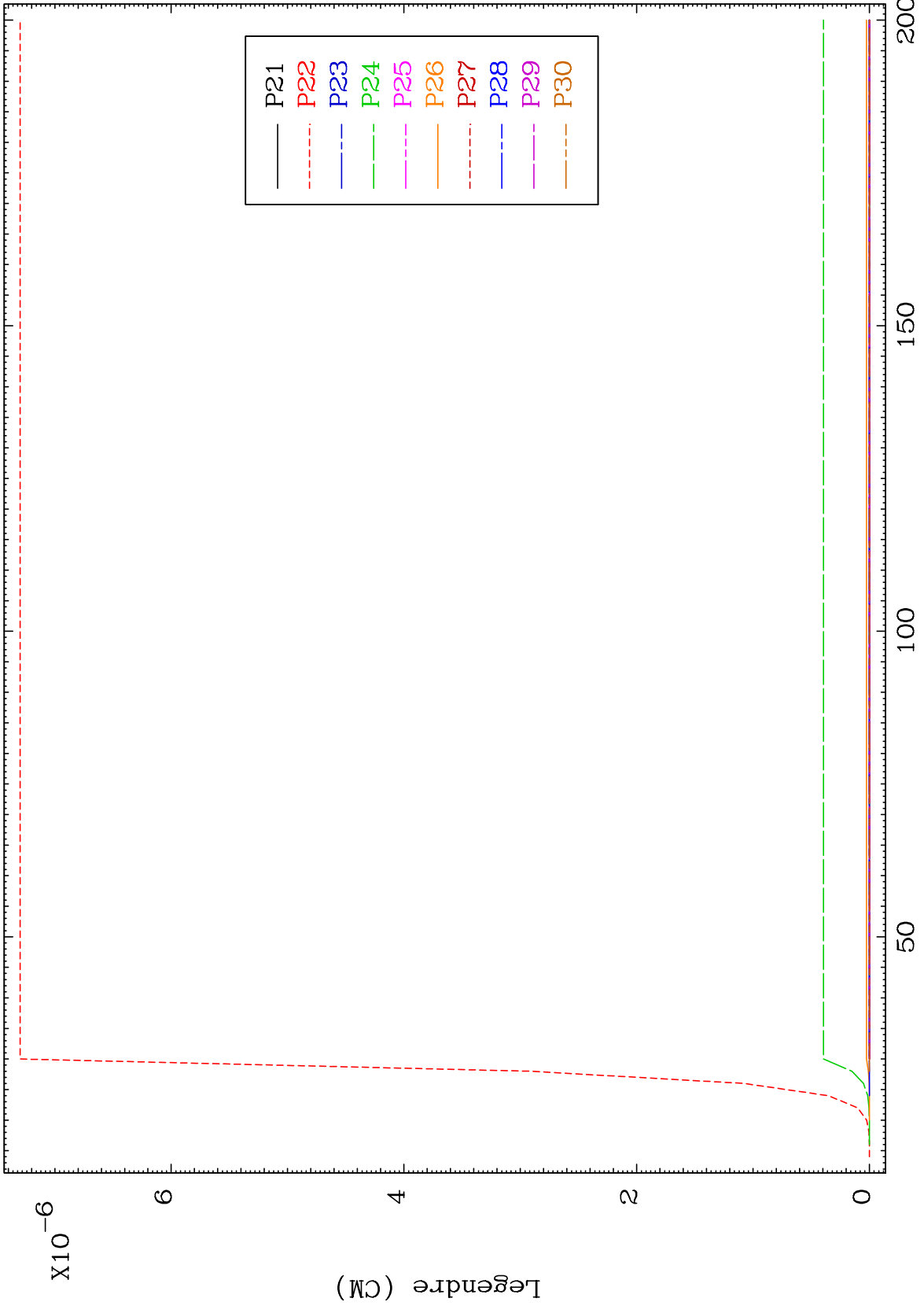
51 56-Ba-142

MAT 5661 MT= 59 (n,n') Level Legendre Coefficients 56-Ba-142



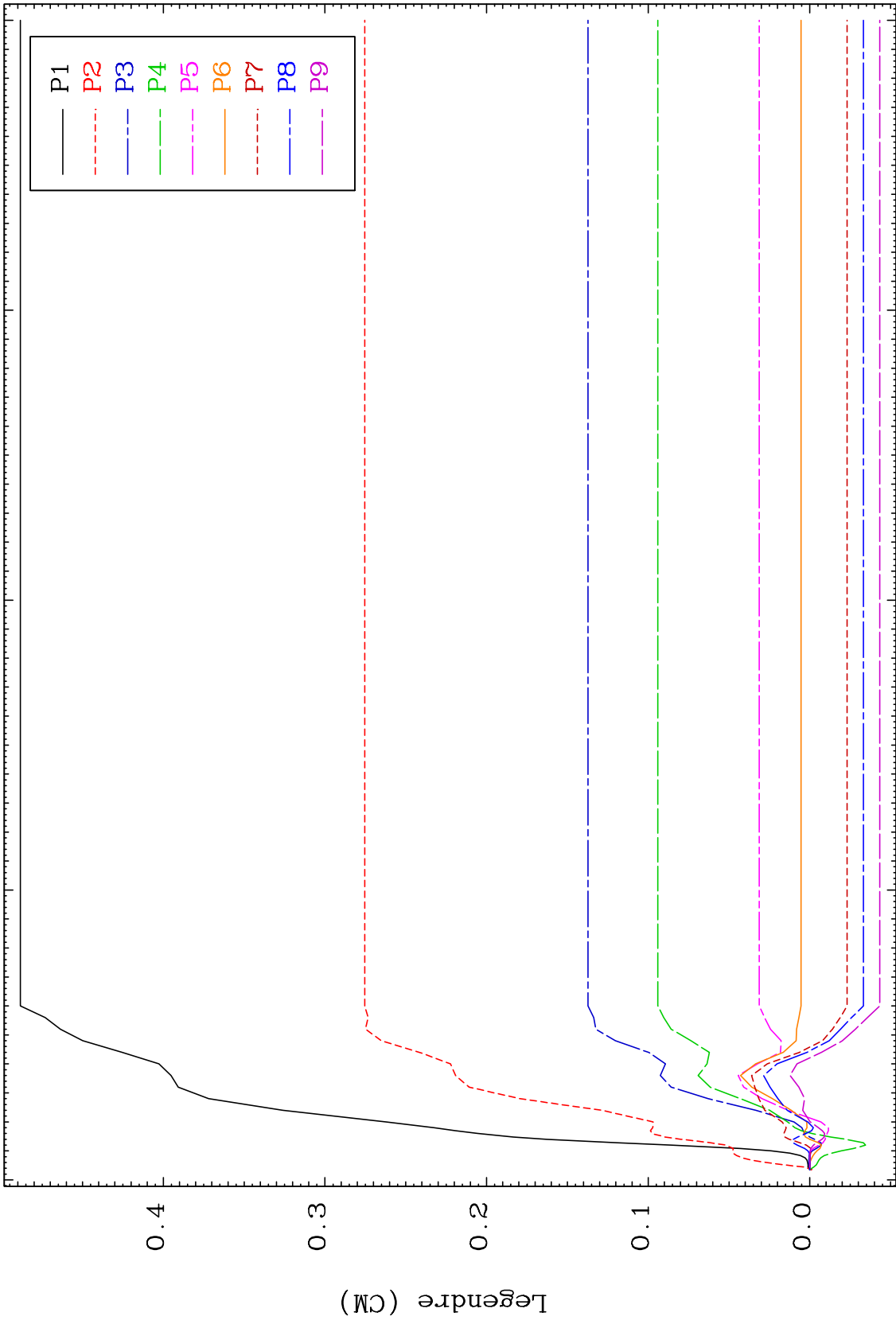
56-Ba-142

MAT 5661 MT= 59 (n,n') Level Legendre Coefficients 56-Ba-142



53 Incident Energy (MeV) 56-Ba-142

MAT 5661 MT= 60 (n,n') Level Legendre Coefficients 56-Ba-142

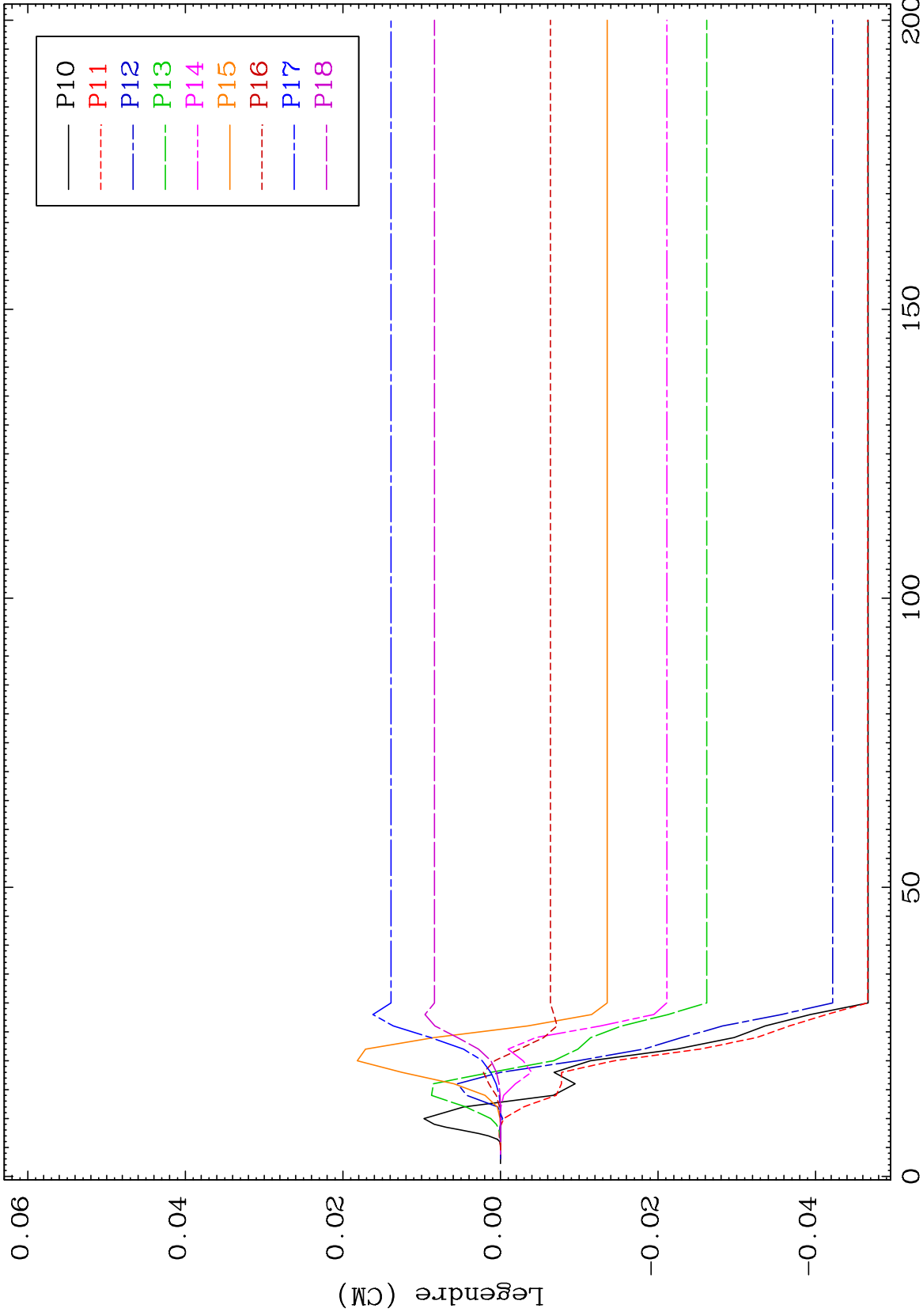


54 56-Ba-142

MAT 5661

MT= 60 (n,n') Level  
Legendre Coefficients

56-Ba-142



55

Incident Energy (MeV)

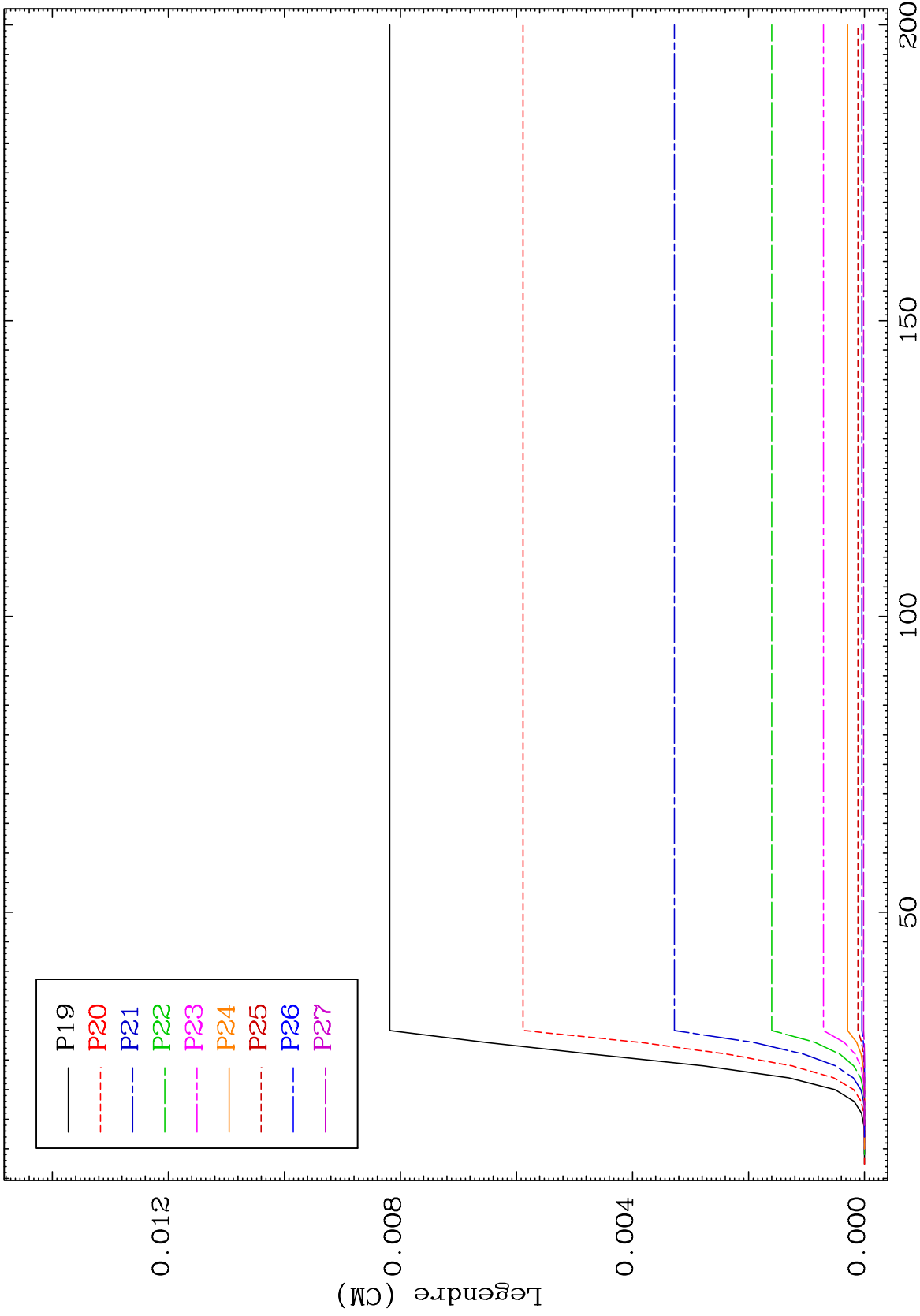
56-Ba-142



MAT 5661

MT= 60 (n,n') Level  
Legendre Coefficients

56-Ba-142



56

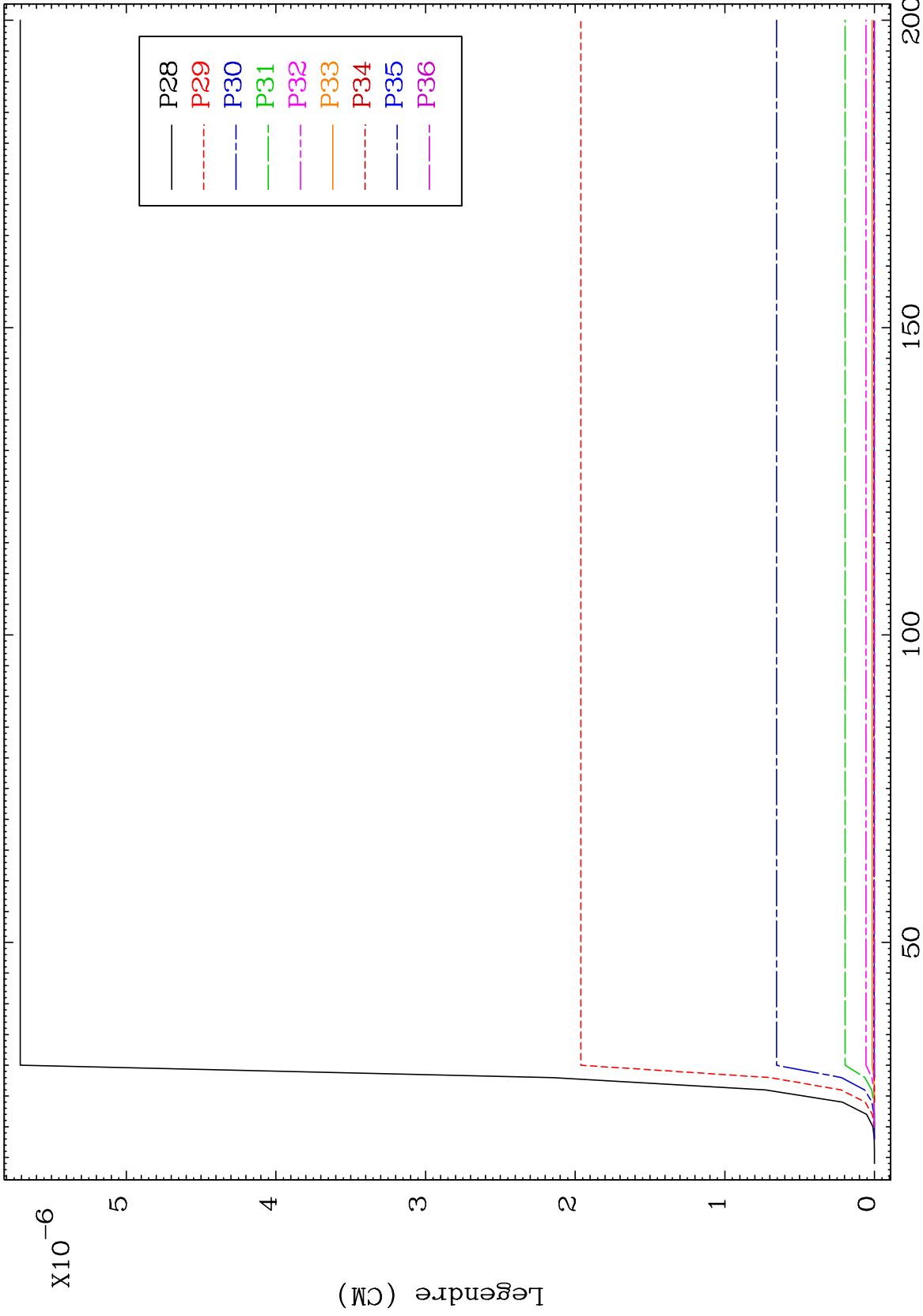
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 60 (n,n') Level  
Legendre Coefficients

56-Ba-142

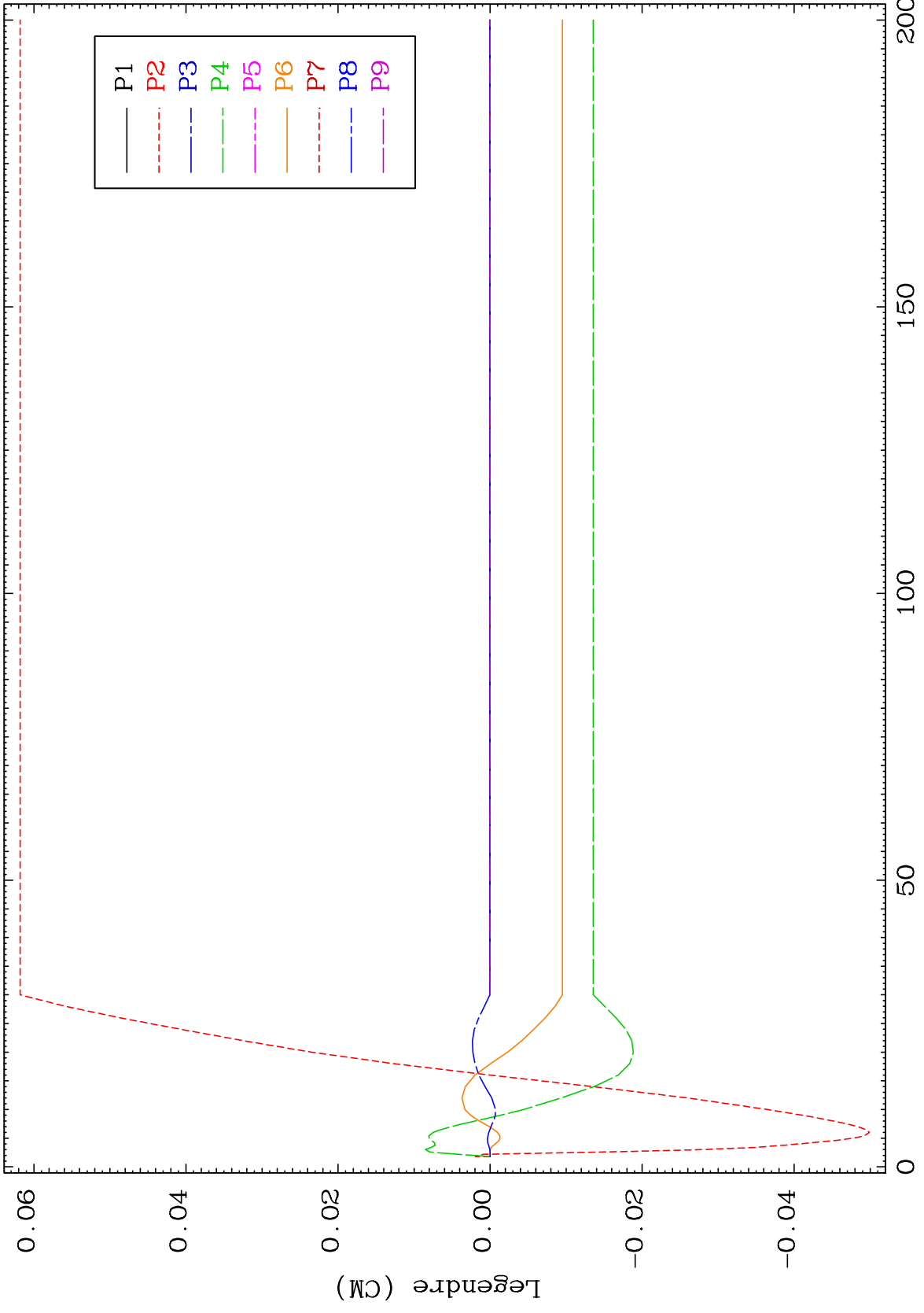


57

Incident Energy (MeV)

56-Ba-142

MAT 5661 MT= 61 (n,n') Level Legendre Coefficients 56-Ba-142

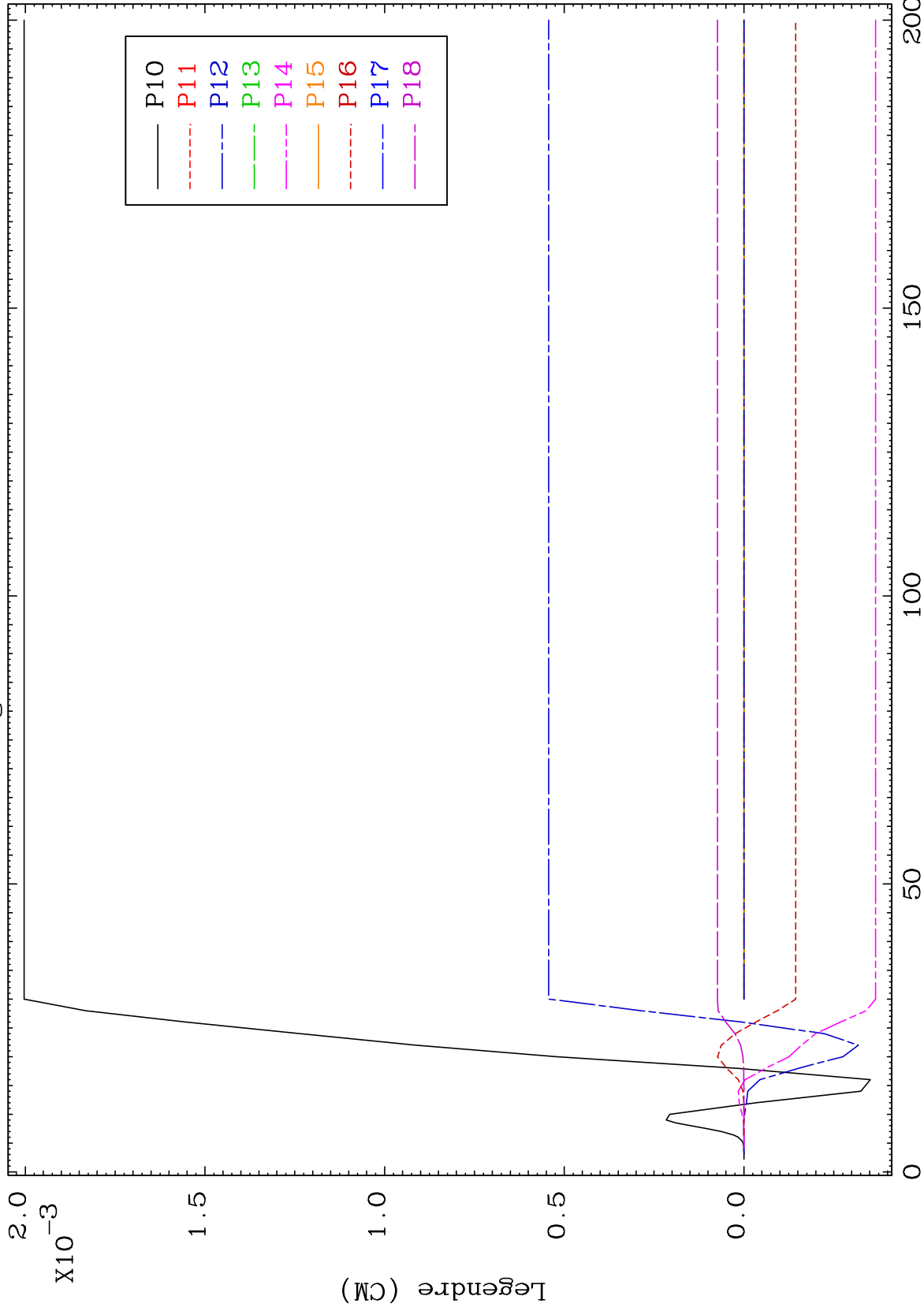


58 Incident Energy (MeV) 56-Ba-142

MAT 5661

MT= 61 (n,n') Level  
Legendre Coefficients

56-Ba-142

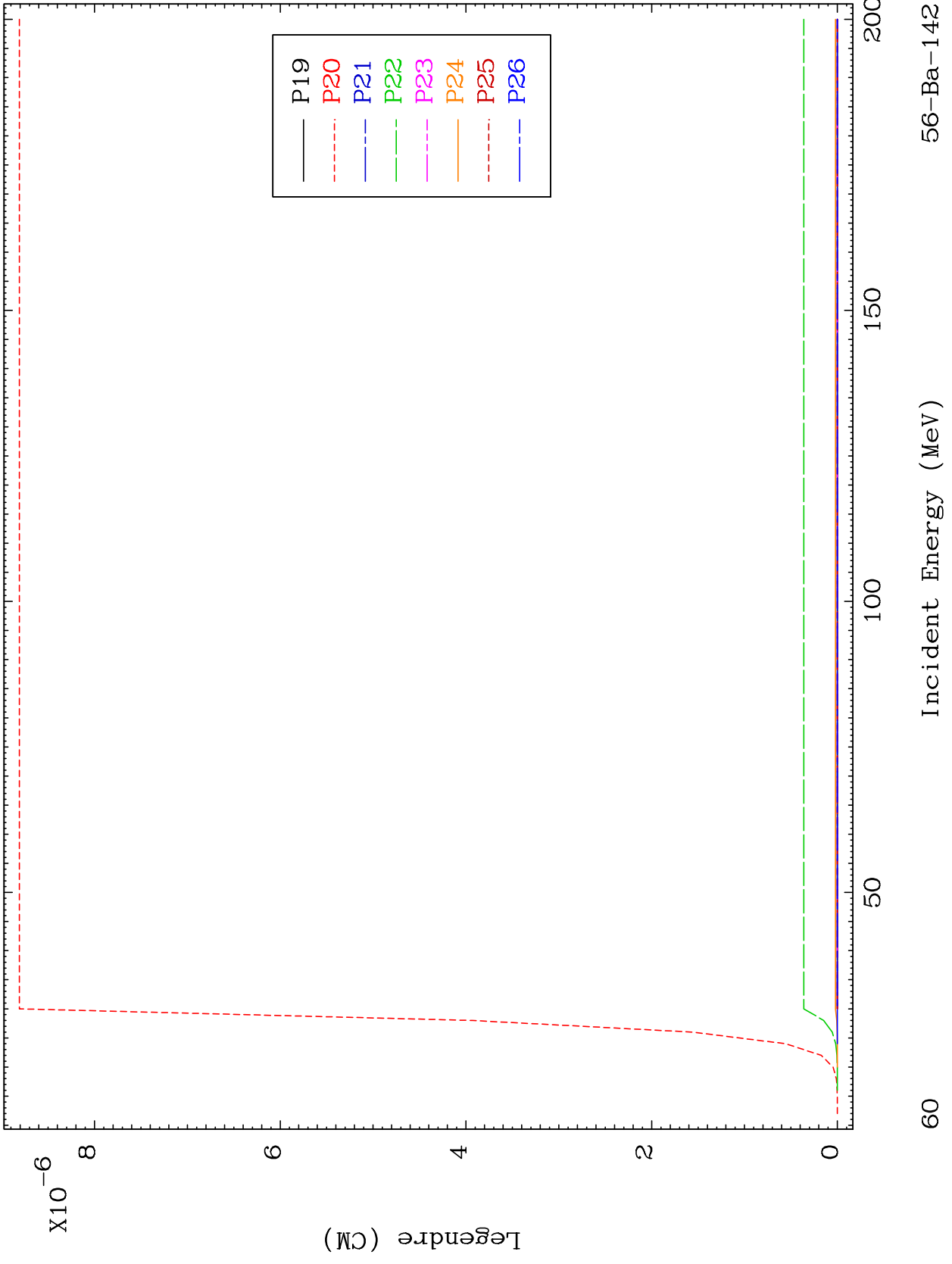


59

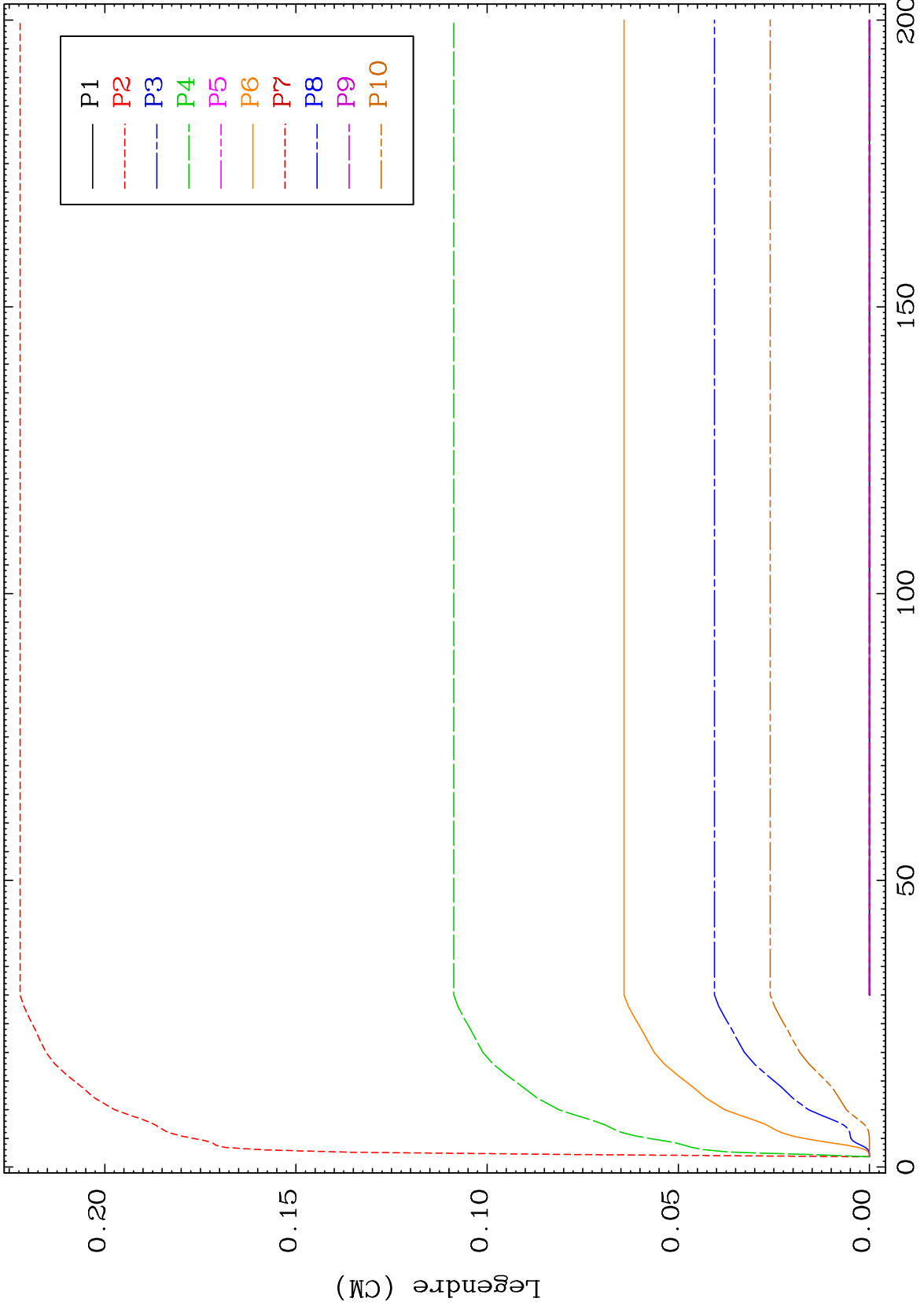
Incident Energy (MeV)

56-Ba-142

MAT 5661 MT= 61 (n,n') Level Legendre Coefficients 56-Ba-142

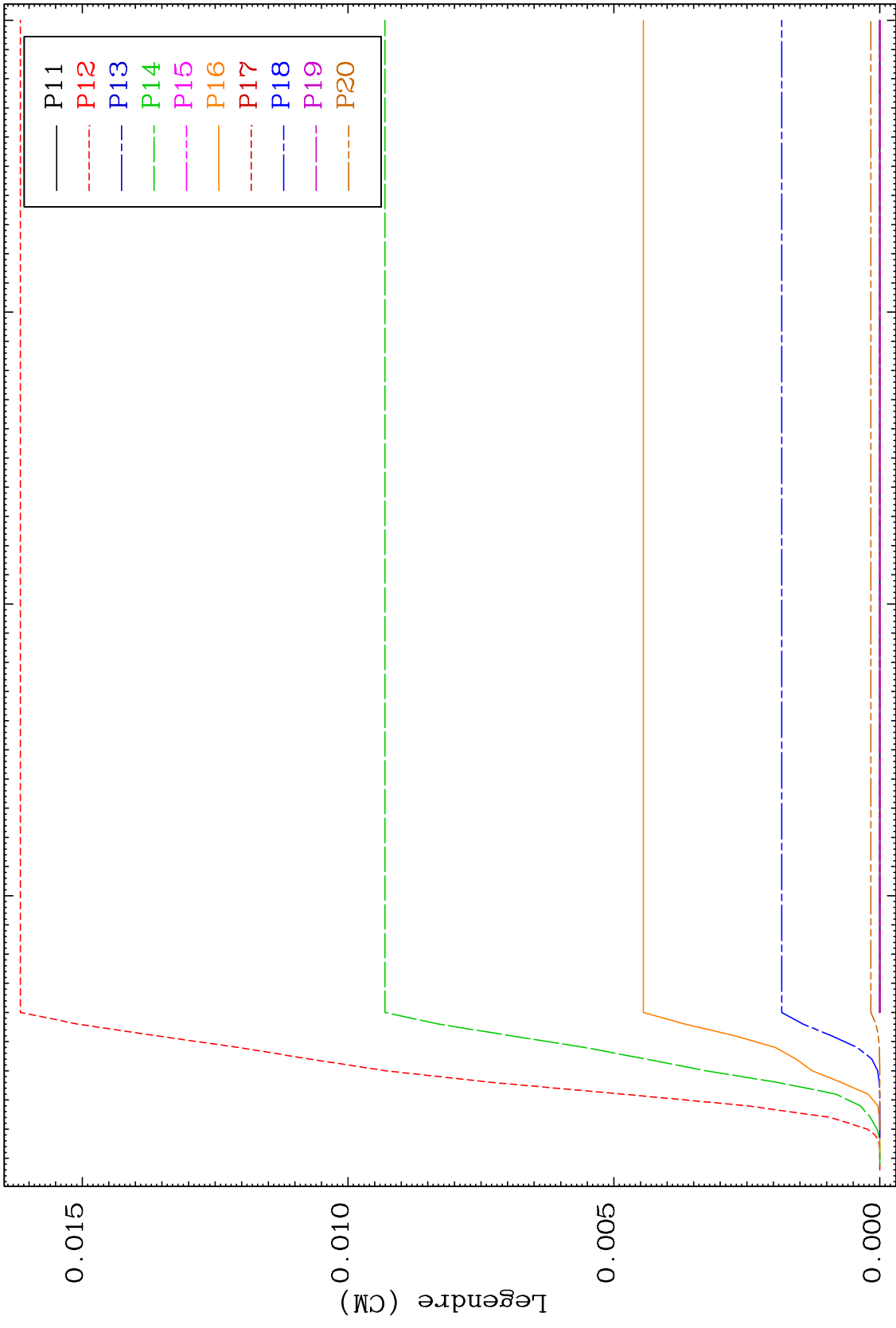


MAT 5661 MT= 62 (n,n') Level Legendre Coefficients 56-Ba-142



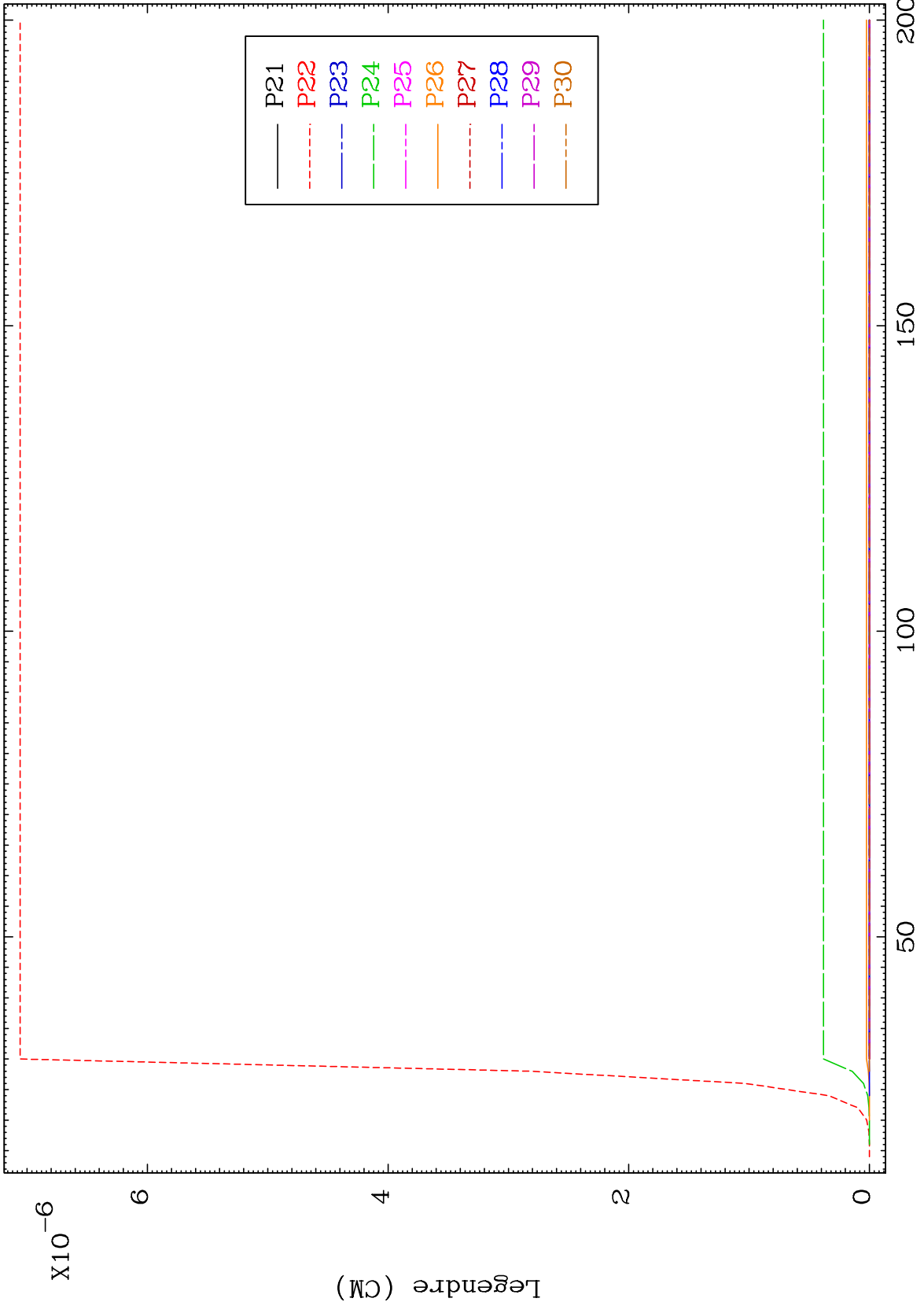
61 56-Ba-142

MAT 5661 MT= 62 (n,n') Level Legendre Coefficients 56-Ba-142



62 56-Ba-142

MAT 5661 MT= 62 (n,n') Level Legendre Coefficients 56-Ba-142



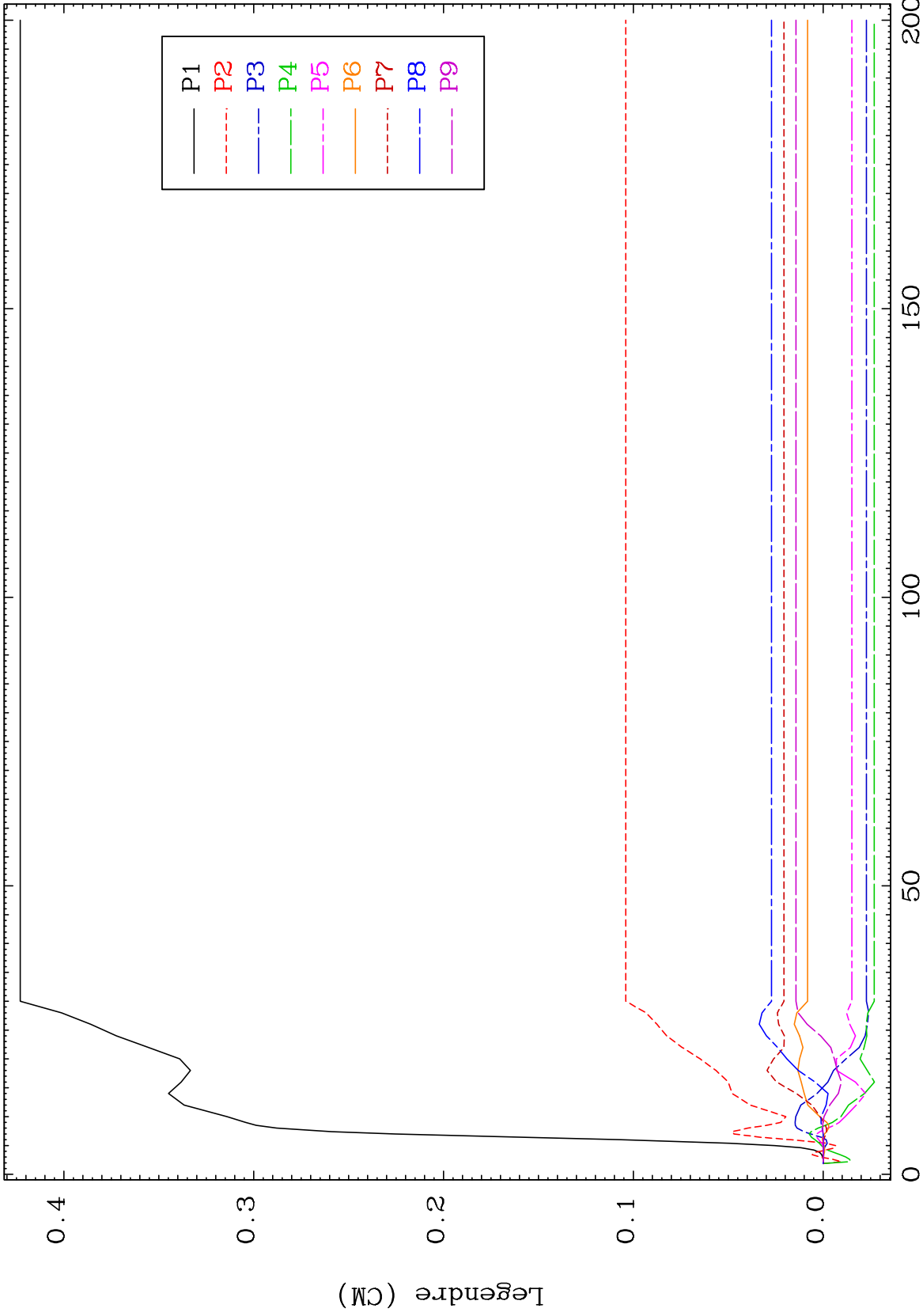
63 56-Ba-142



MAT 5661

MT= 63 (n,n') Level  
Legendre Coefficients

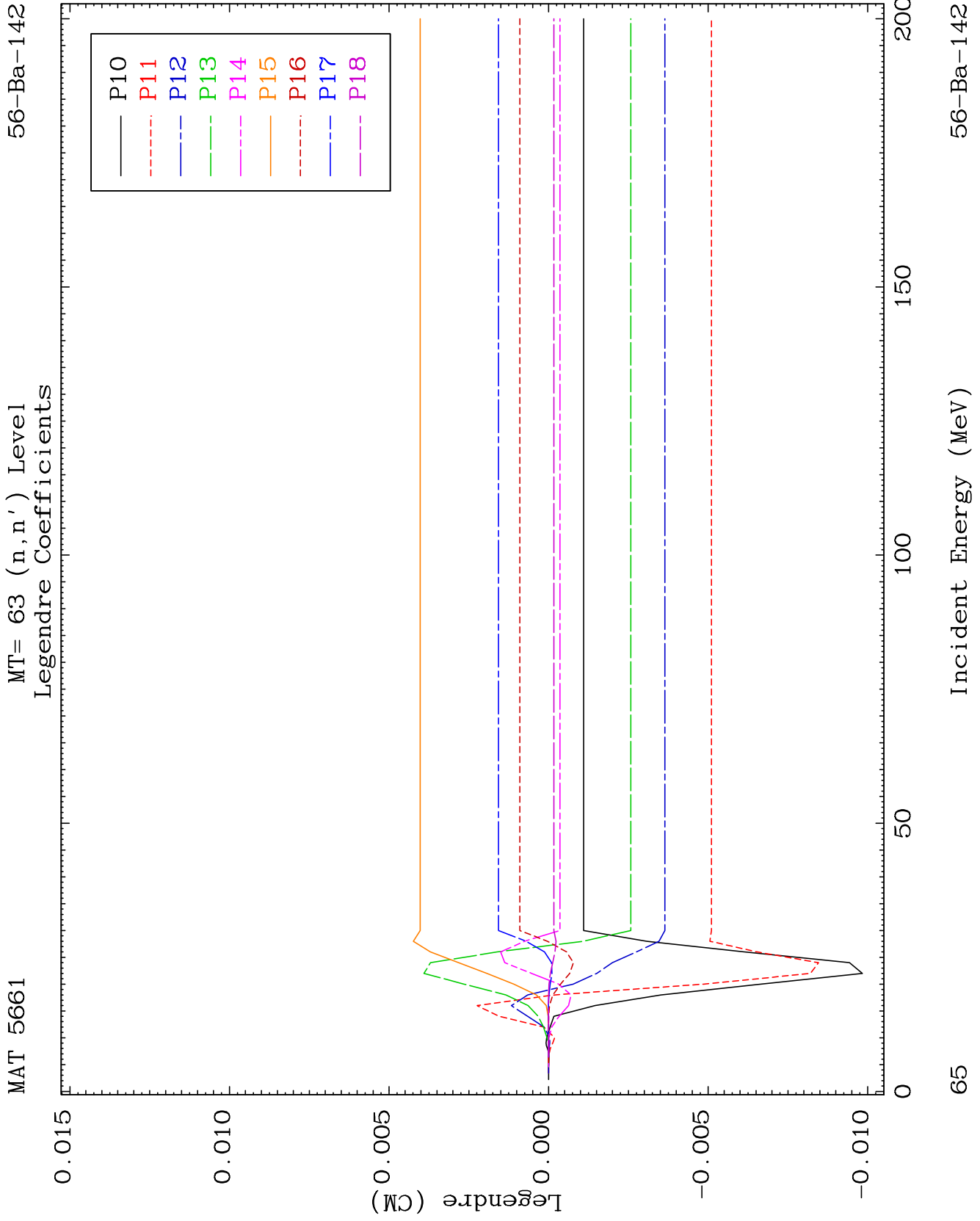
56-Ba-142



64

Incident Energy (MeV)

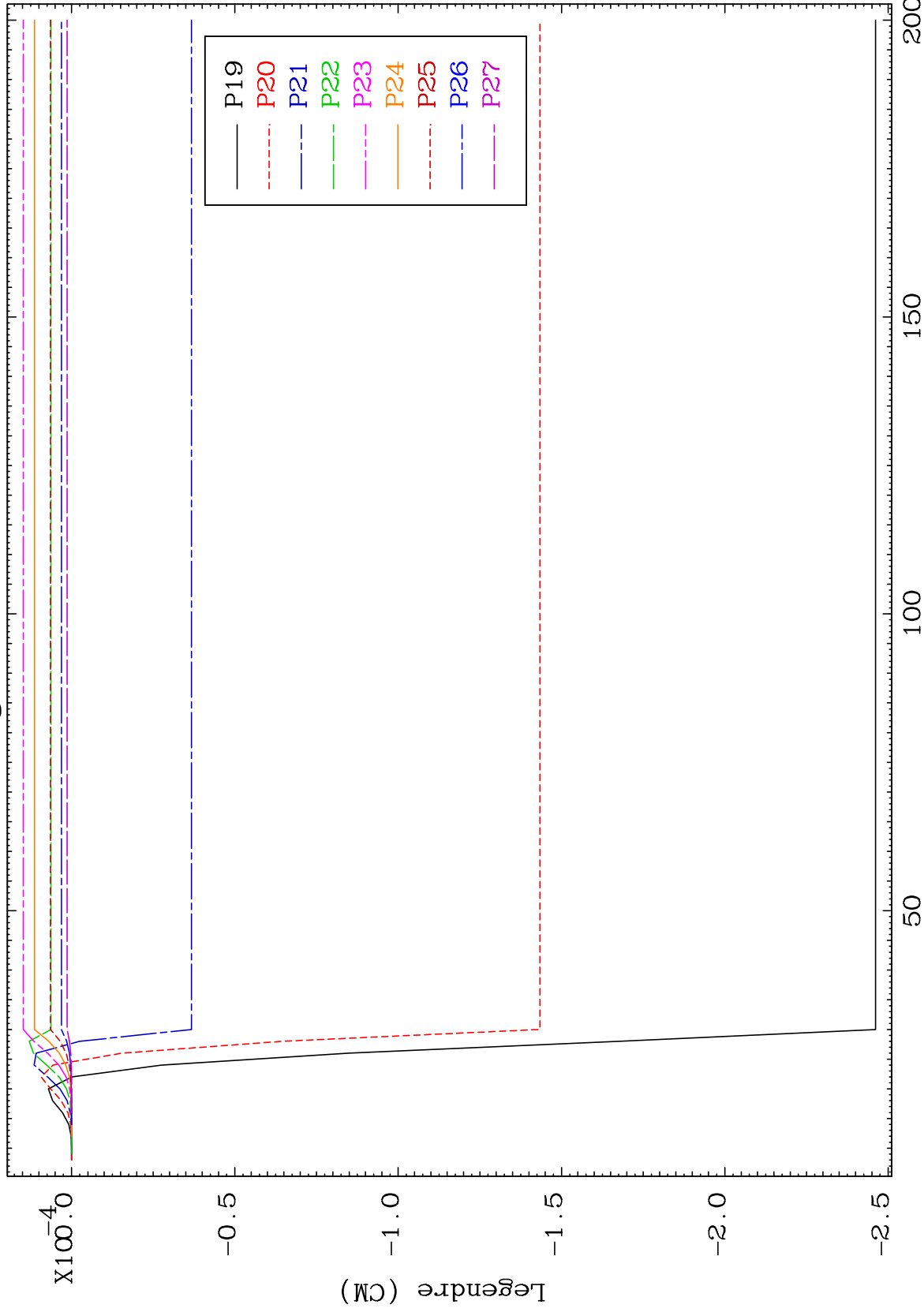
56-Ba-142



MAT 5661

MT= 63 (n,n') Level  
Legendre Coefficients

56-Ba-142



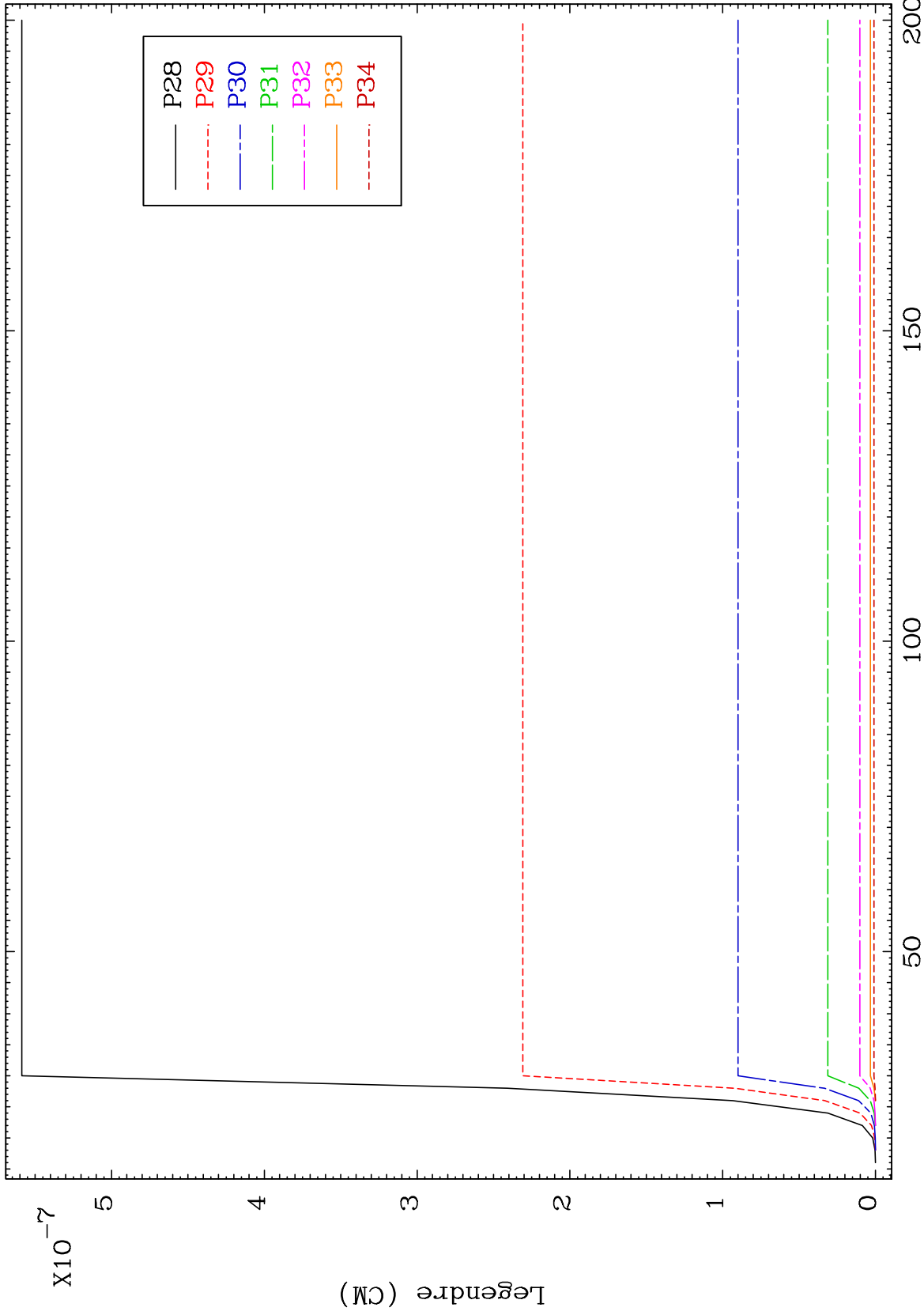
66

56-Ba-142

MAT 5661

MT= 63 (n,n') Level  
Legendre Coefficients

56-Ba-142



67

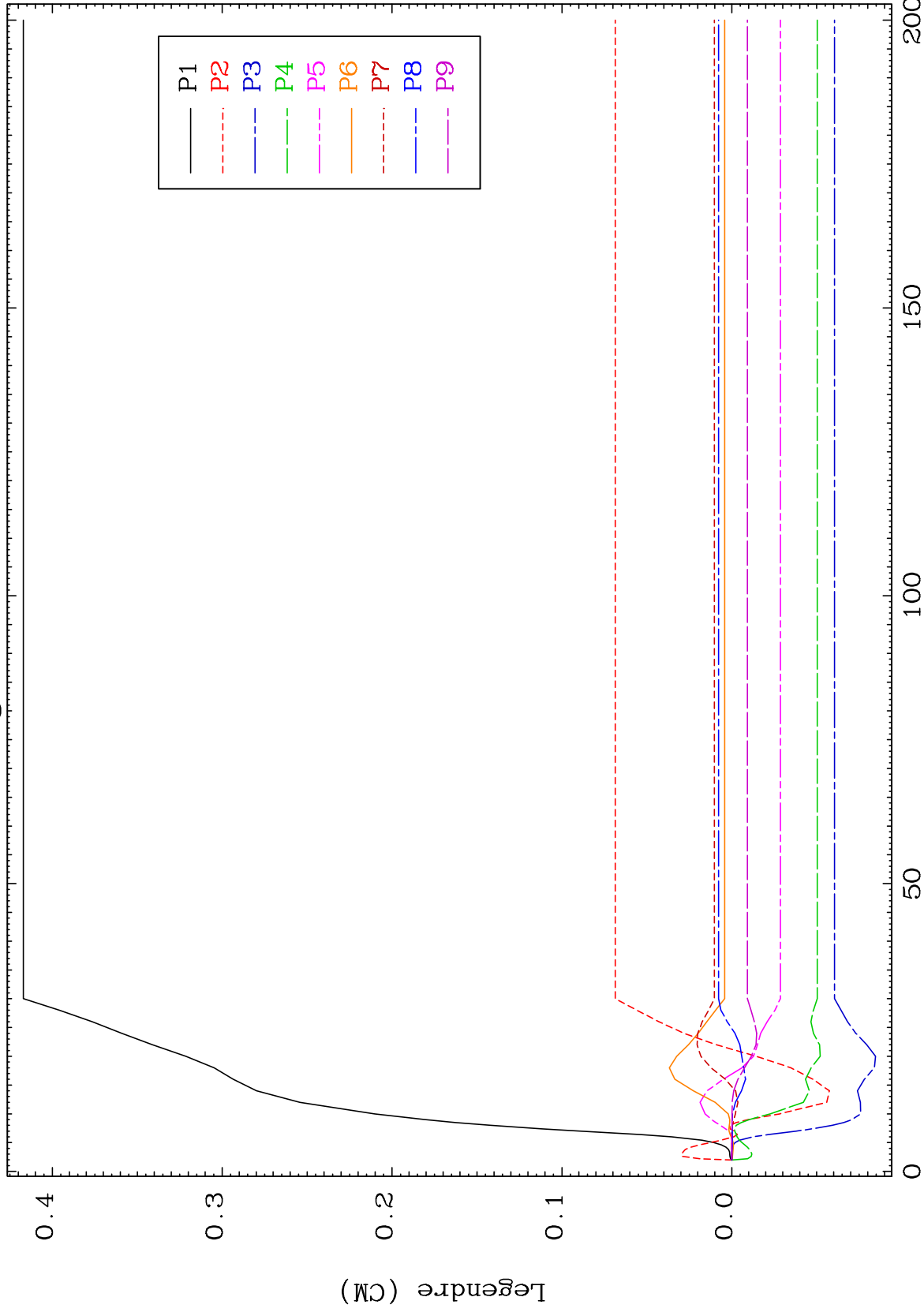
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 64 (n,n') Level  
Legendre Coefficients

56-Ba-142



68

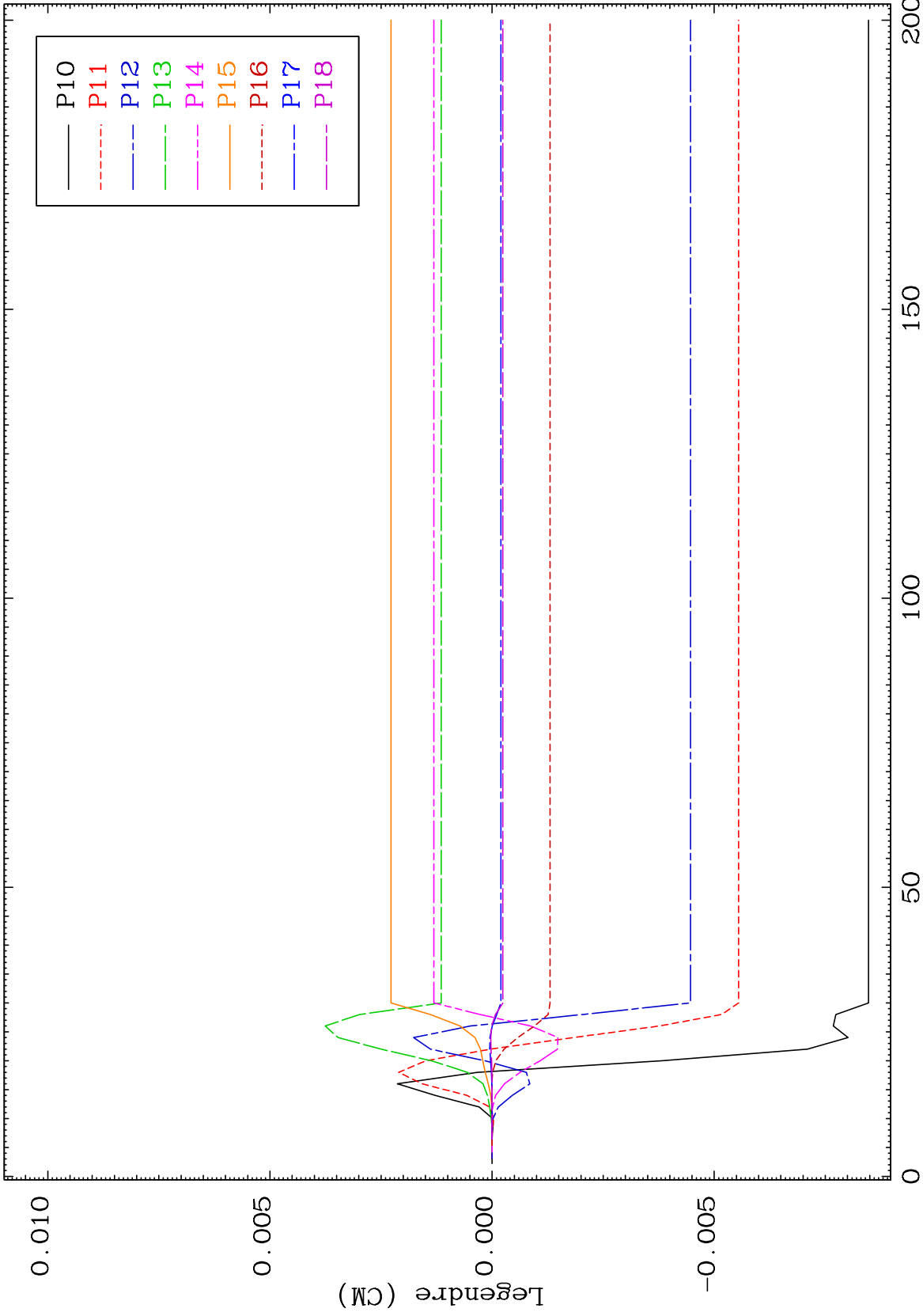
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 64 (n,n') Level  
Legendre Coefficients

56-Ba-142



69

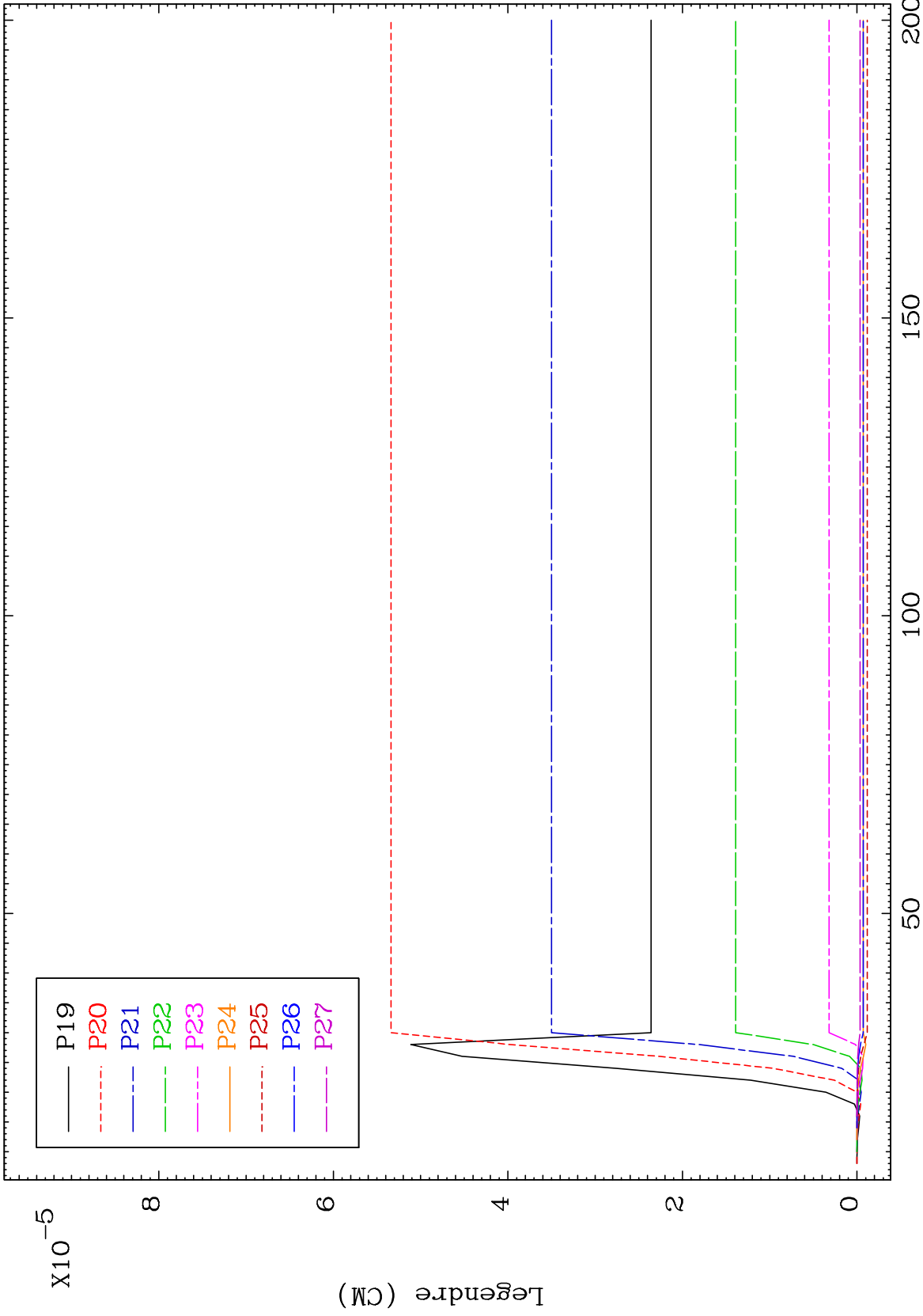
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 64 (n,n') Level  
Legendre Coefficients

56-Ba-142



70

Incident Energy (MeV)

50

100

150

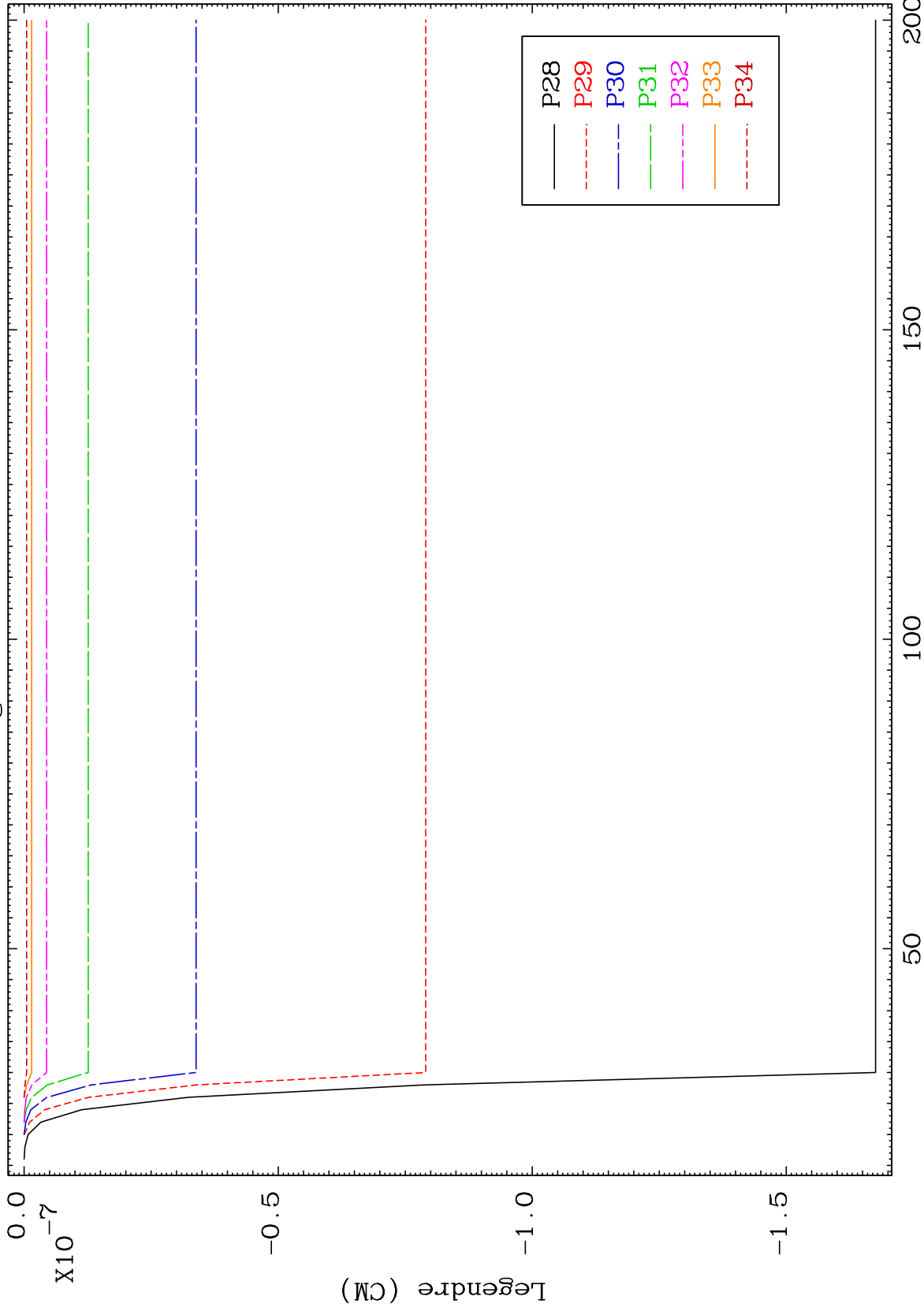
200

56-Ba-142

MAT 5661

MT= 64 (n,n') Level  
Legendre Coefficients

56-Ba-142



56-Ba-142

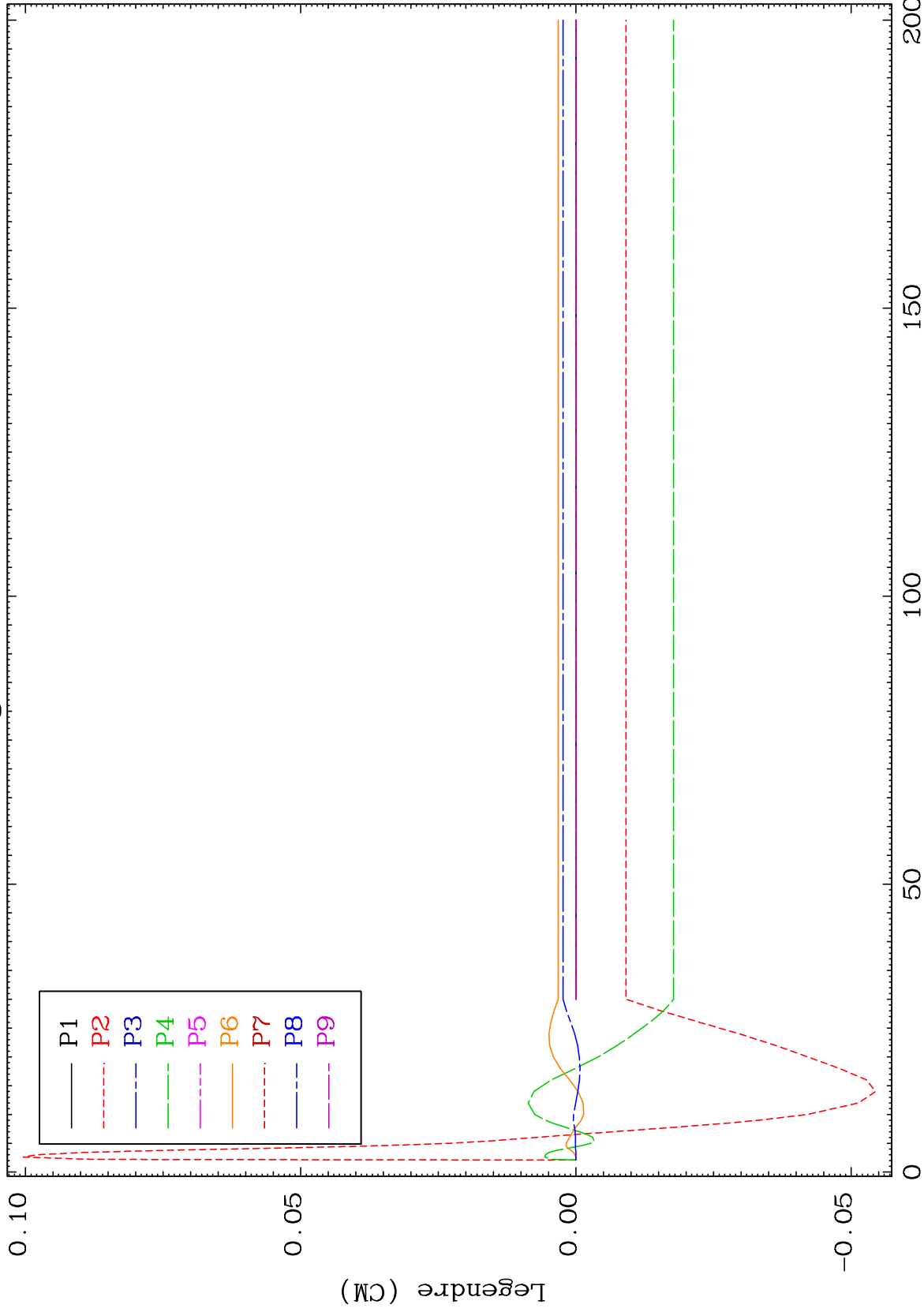
71



MAT 5661

MT= 65 (n,n') Level  
Legendre Coefficients

56-Ba-142



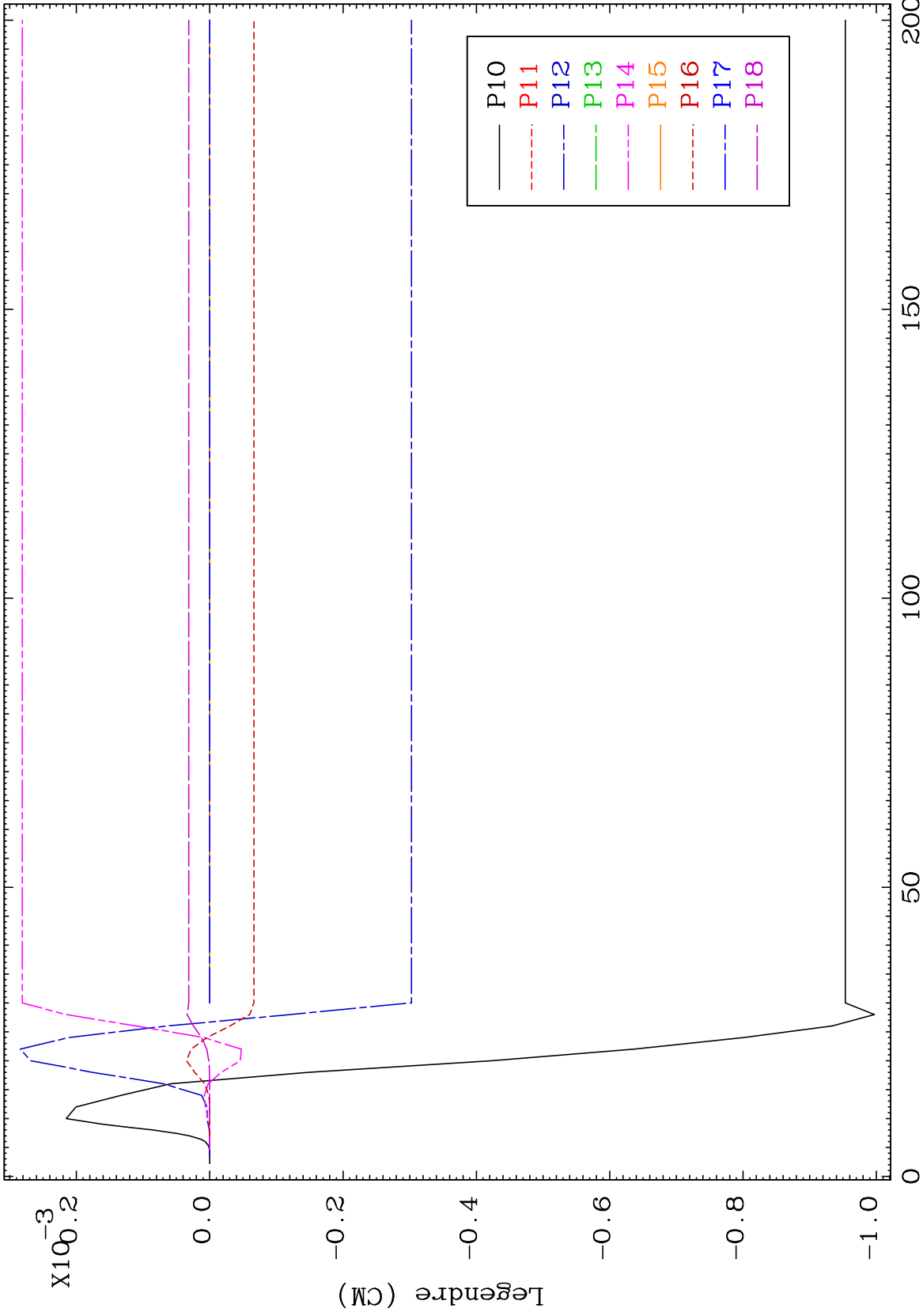
72

56-Ba-142

MAT 5661

MT= 65 (n,n') Level  
Legendre Coefficients

56-Ba-142

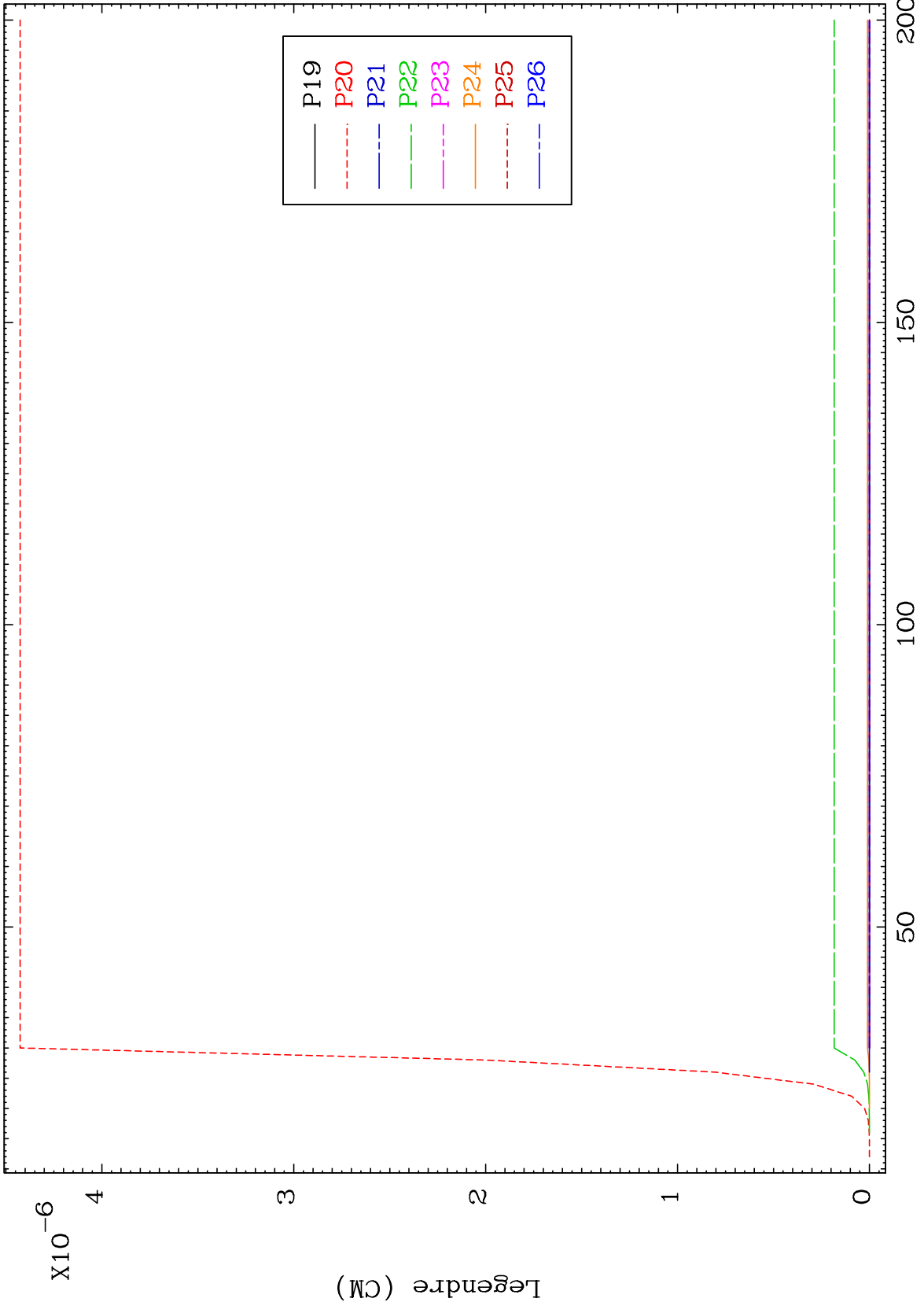


73

Incident Energy (MeV)

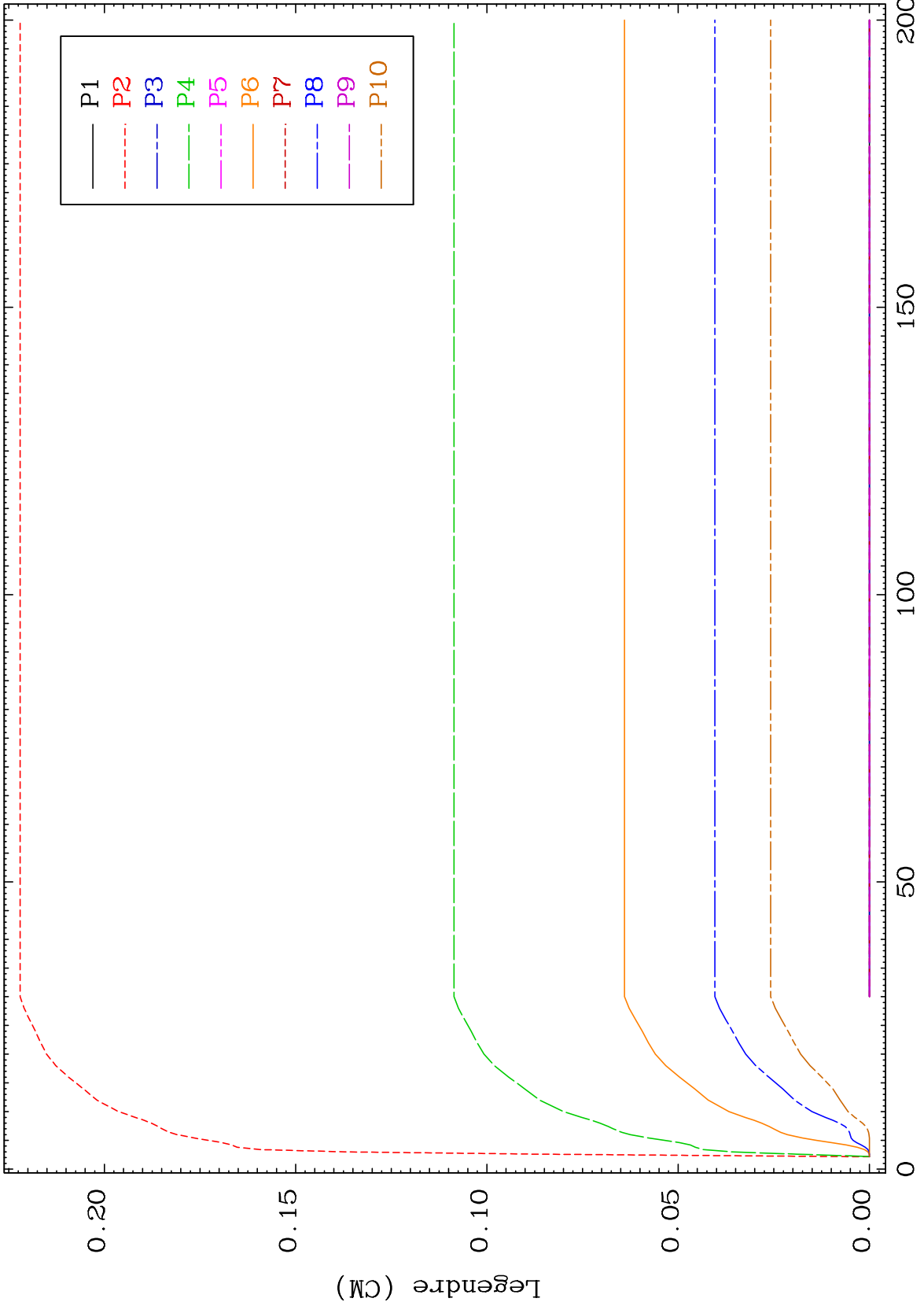
56-Ba-142

MAT 5661 MT= 65 (n,n') Level Legendre Coefficients 56-Ba-142

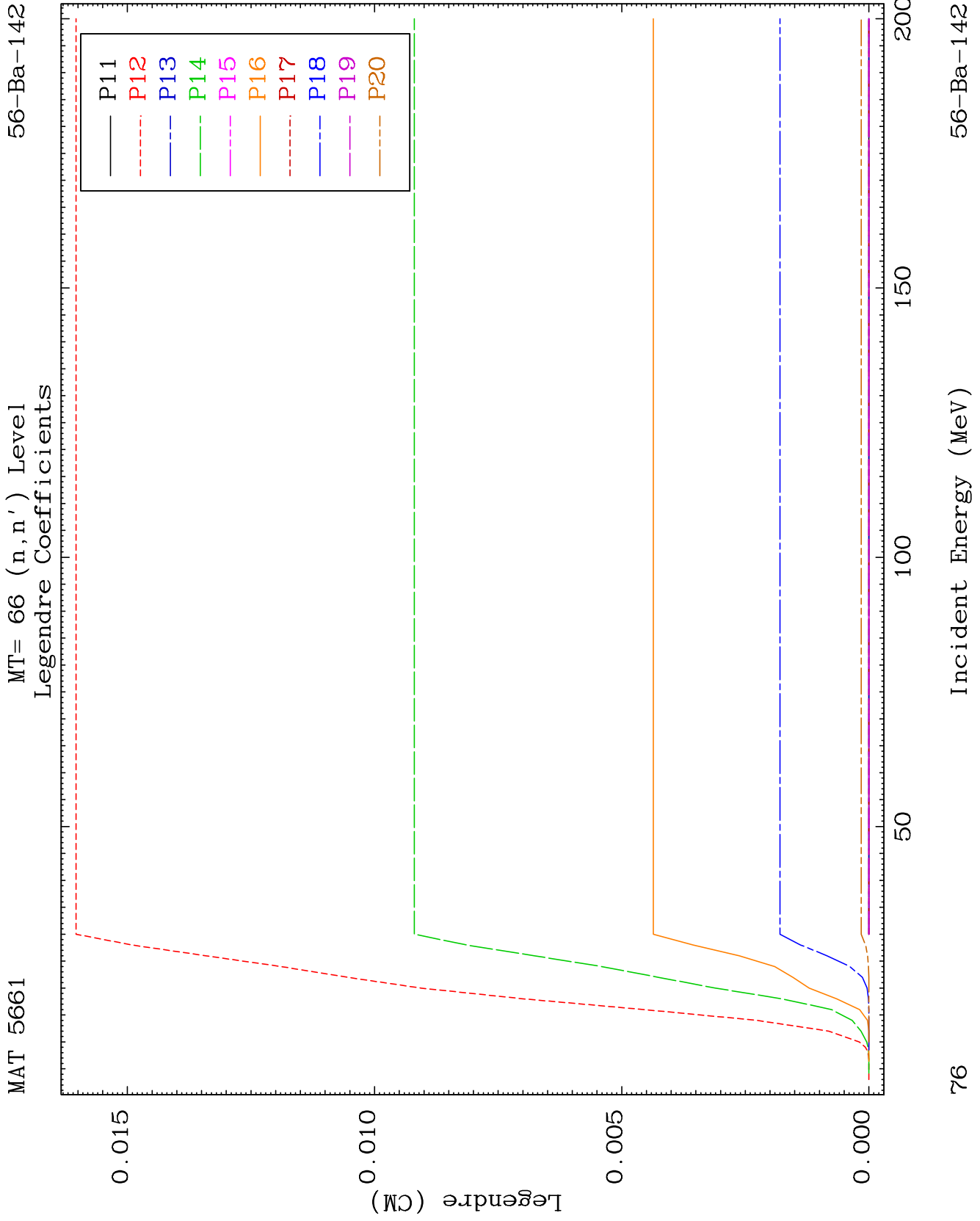


74 Incident Energy (MeV) 56-Ba-142

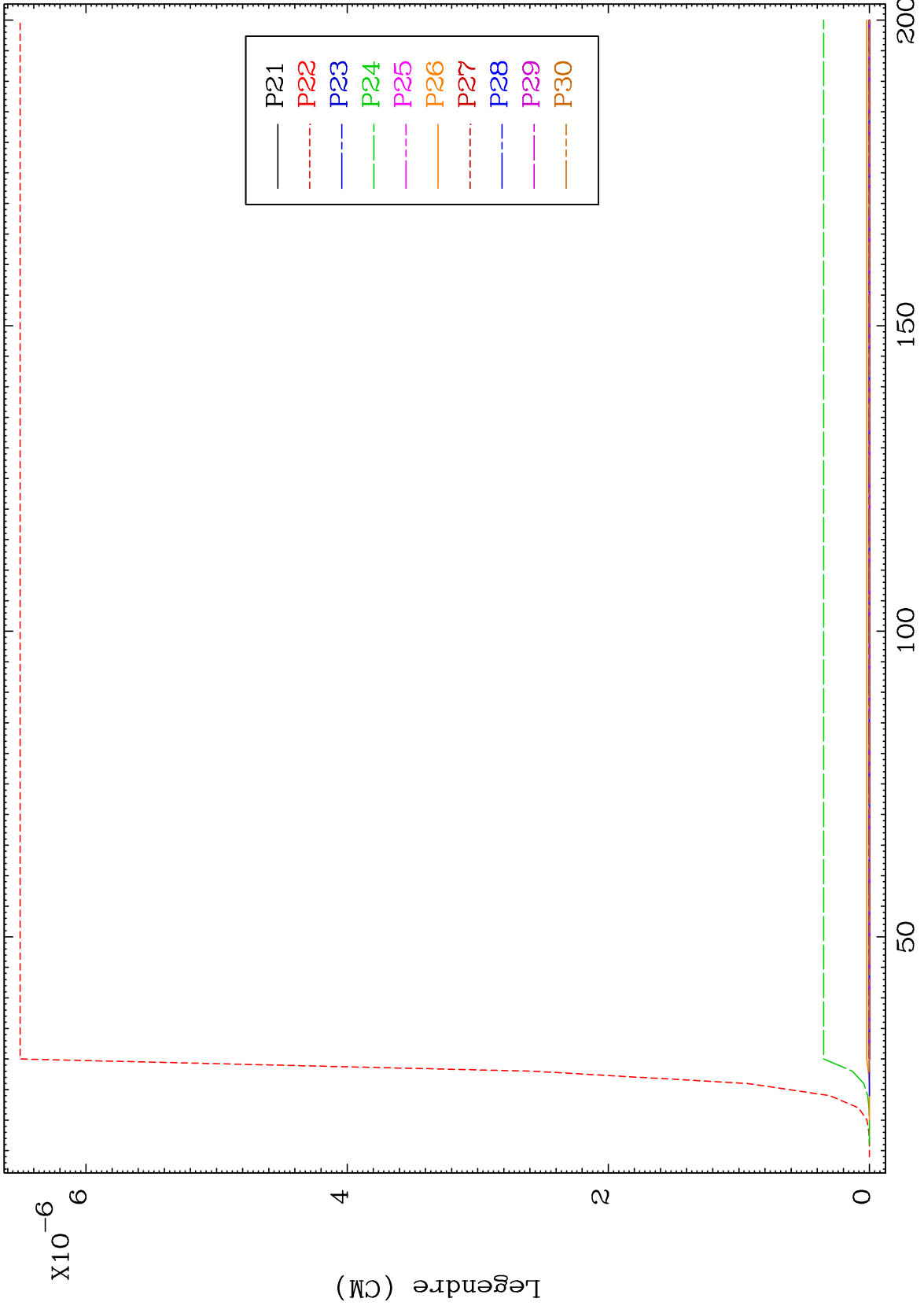
MAT 5661 MT= 66 (n,n') Level Legendre Coefficients 56-Ba-142



75 Incident Energy (MeV) 56-Ba-142



MAT 5661 MT= 66 (n,n') Level Legendre Coefficients 56-Ba-142

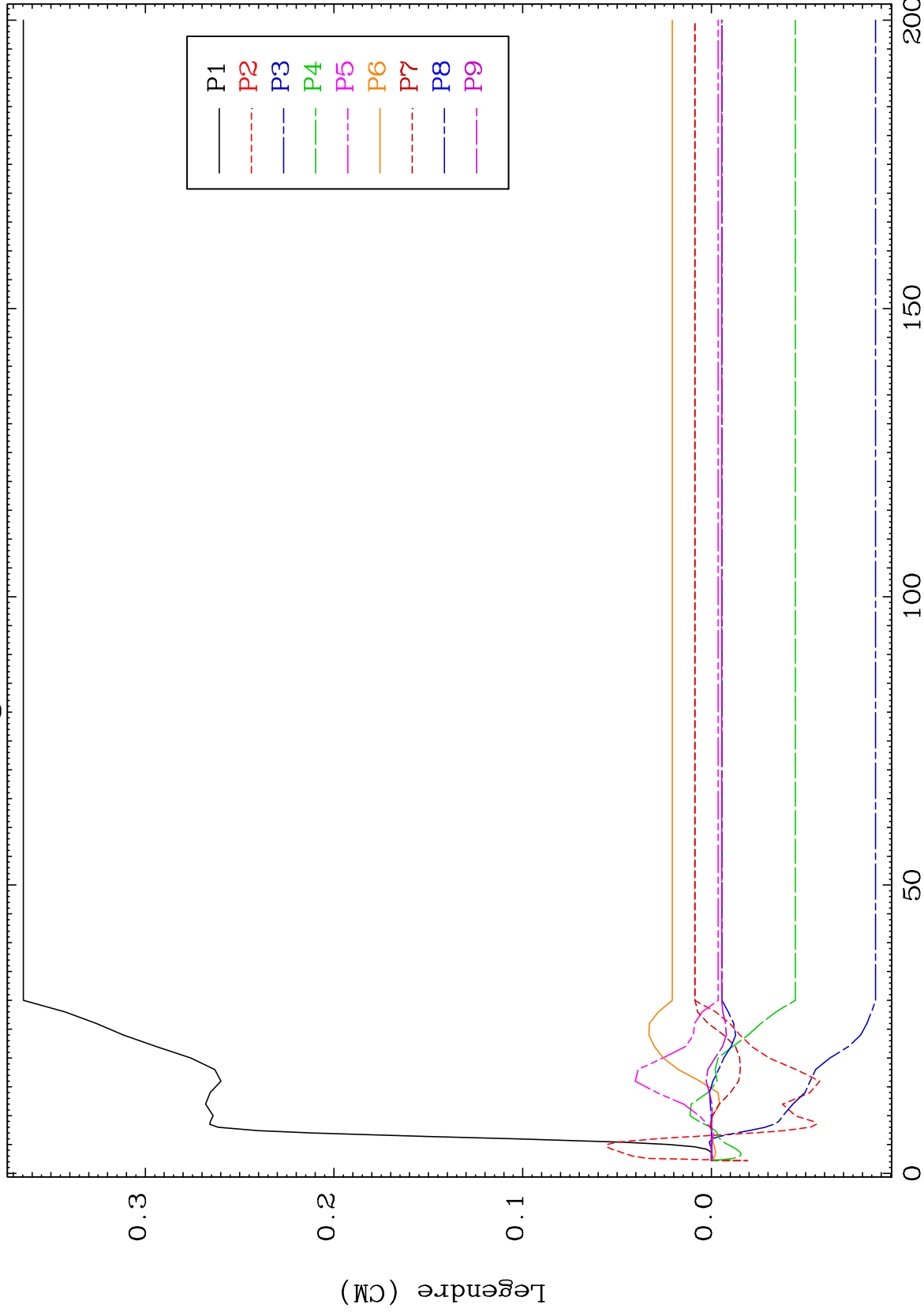


77 56-Ba-142

MAT 5661

MT= 67 (n,n') Level  
Legendre Coefficients

56-Ba-142



78

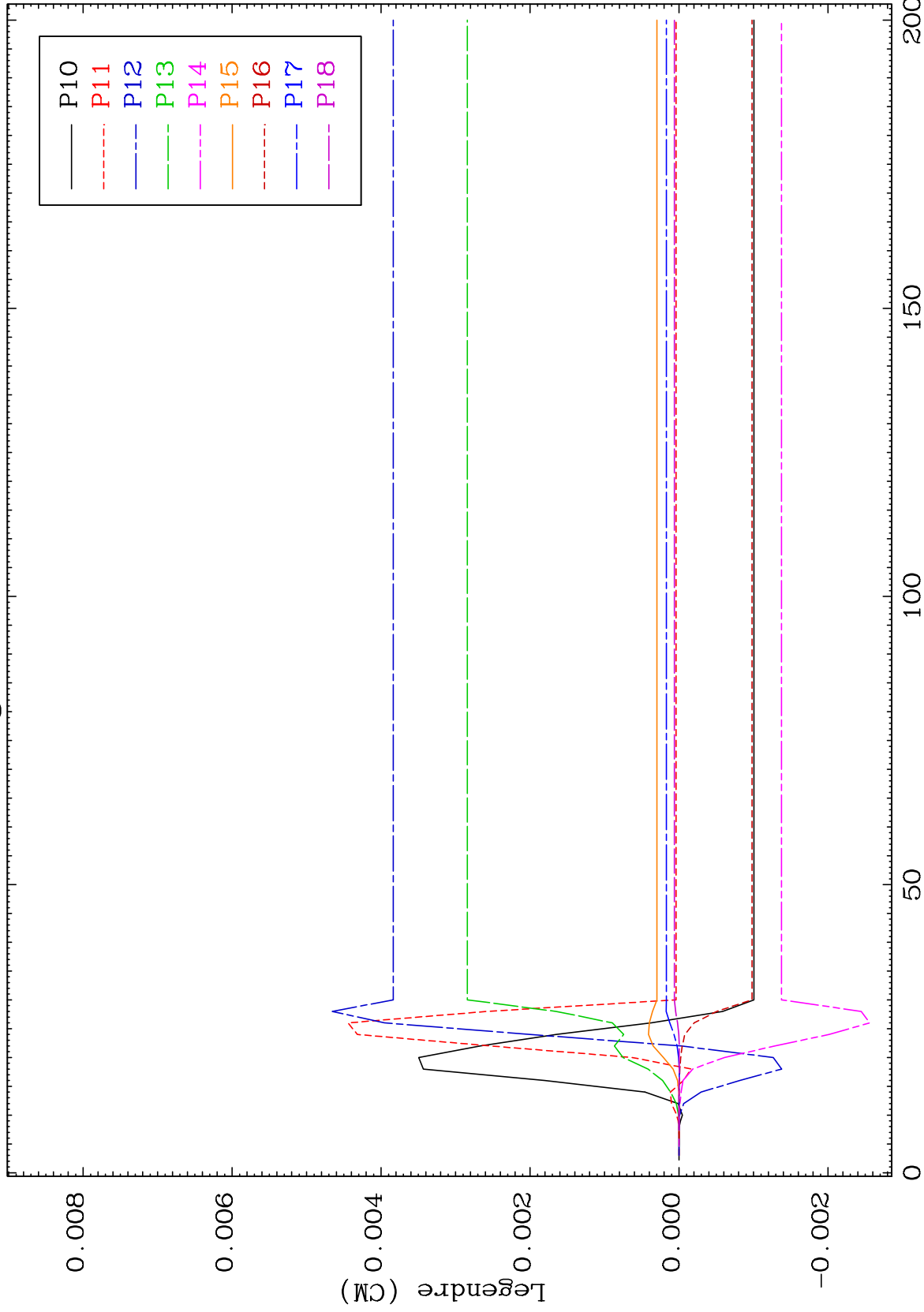
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 67 (n,n') Level  
Legendre Coefficients

56-Ba-142



79

Incident Energy (MeV)

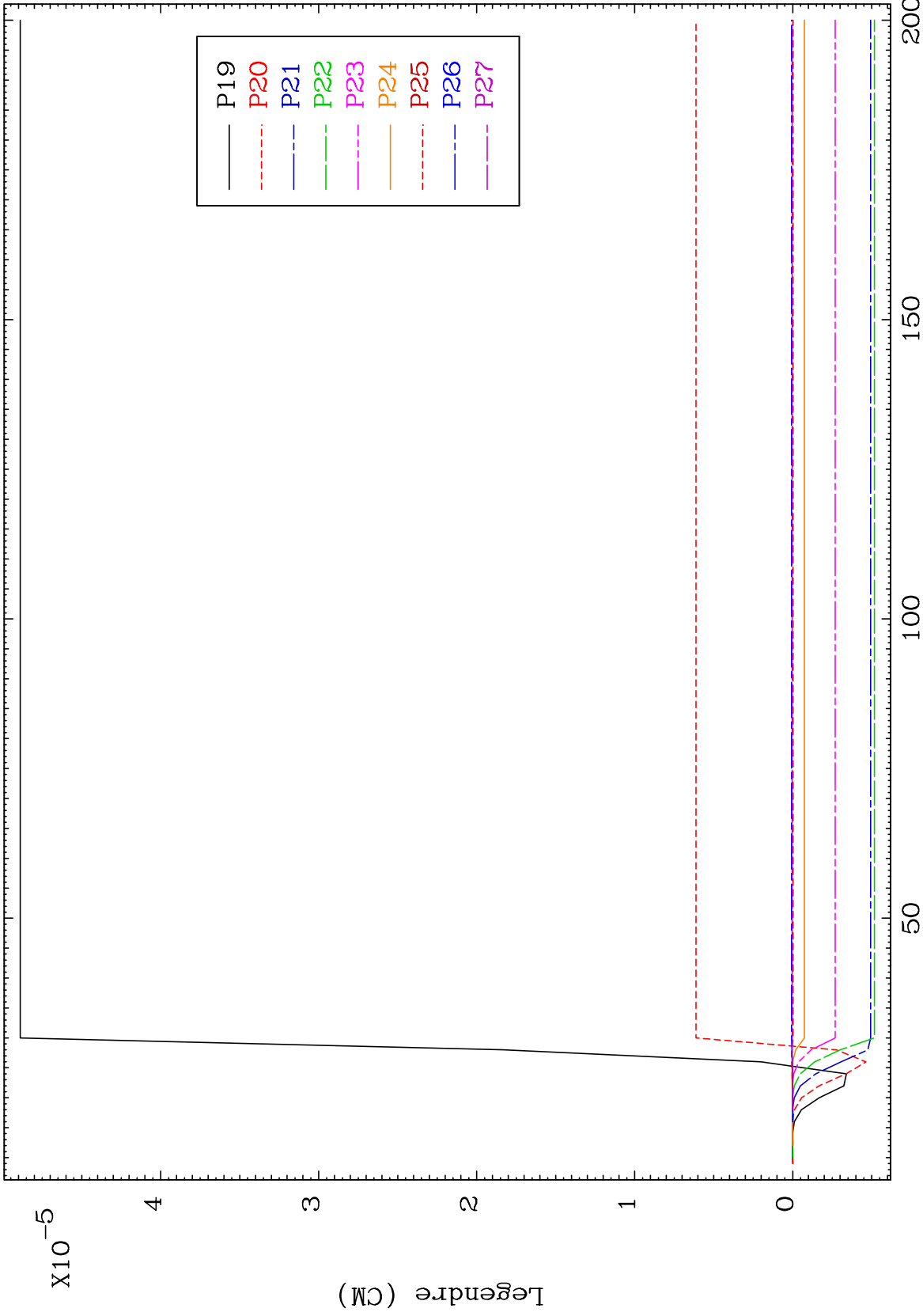
56-Ba-142



MAT 5661

MT= 67 (n,n') Level  
Legendre Coefficients

56-Ba-142



80

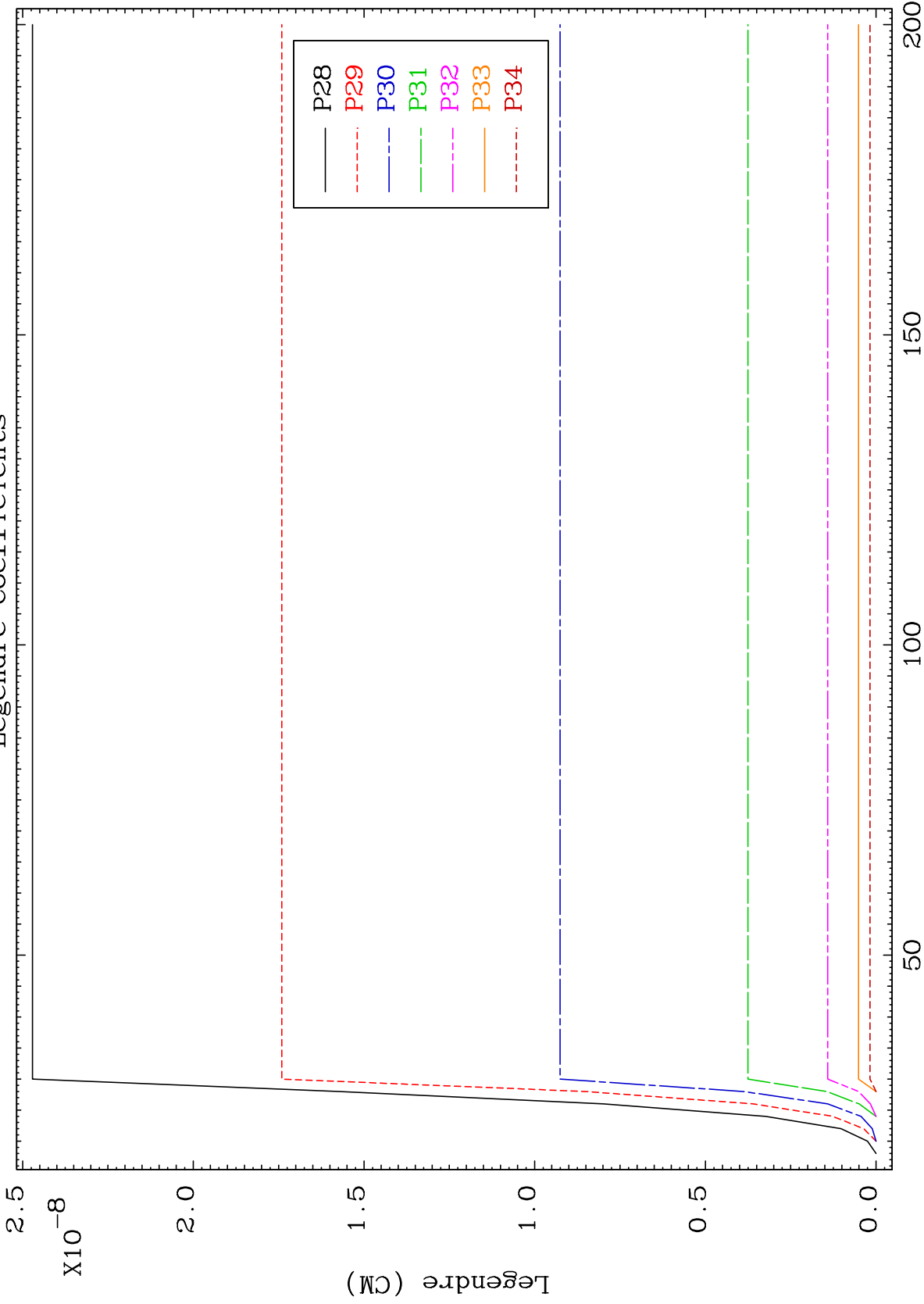
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 67 (n,n') Level  
Legendre Coefficients

56-Ba-142



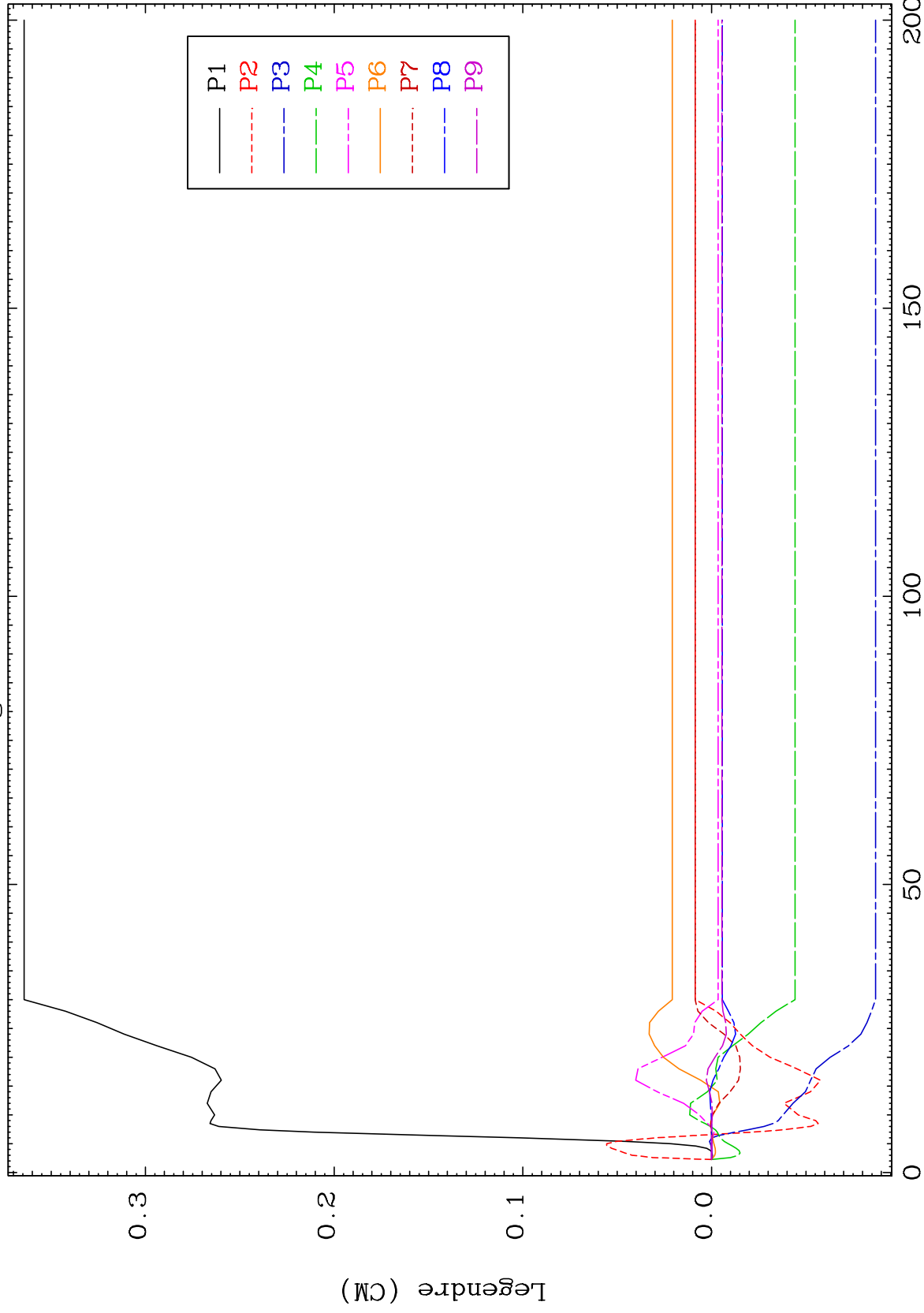
81

56-Ba-142

MAT 5661

MT= 68 (n,n') Level  
Legendre Coefficients

56-Ba-142



82

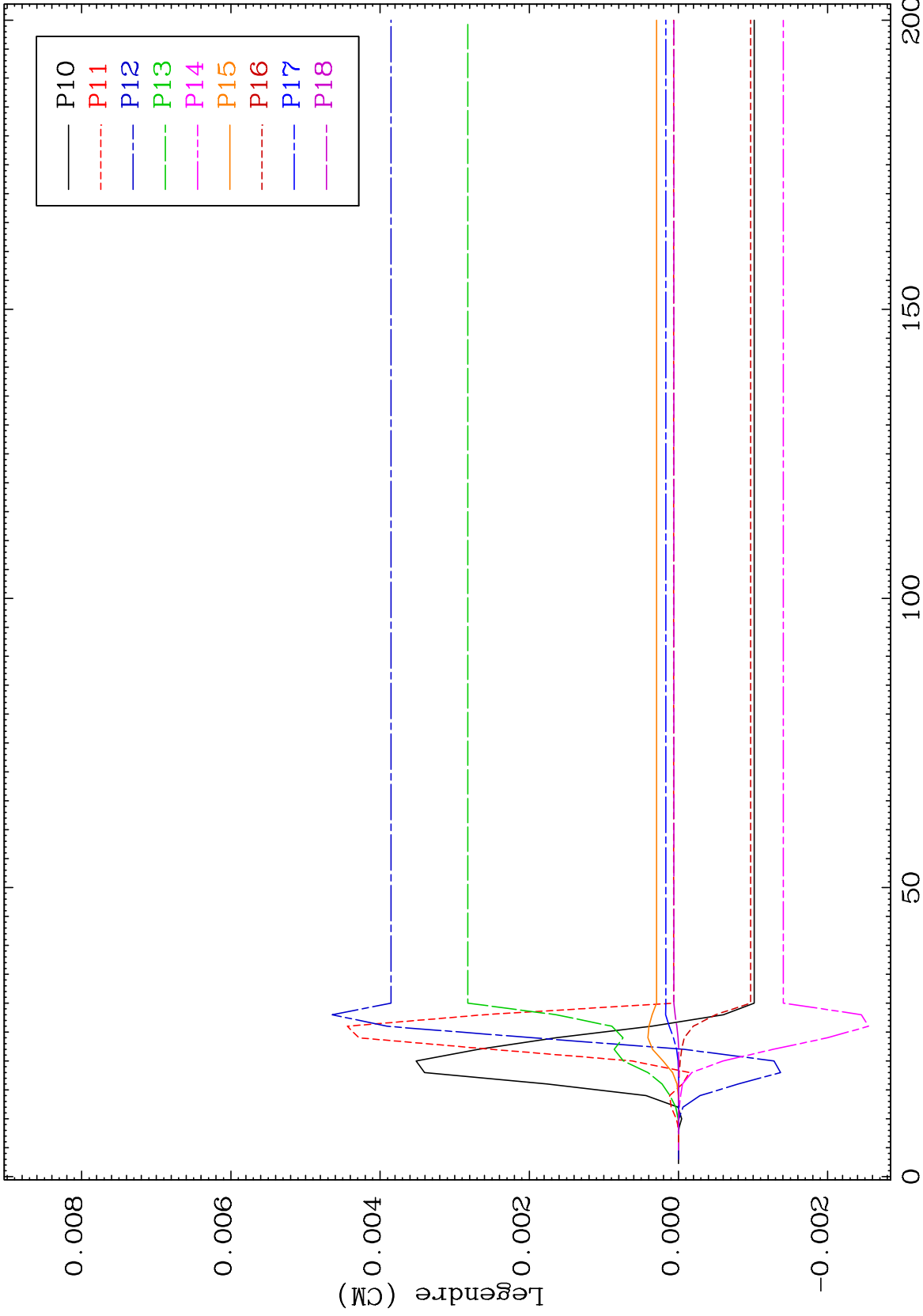
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 68 (n,n') Level  
Legendre Coefficients

56-Ba-142



83

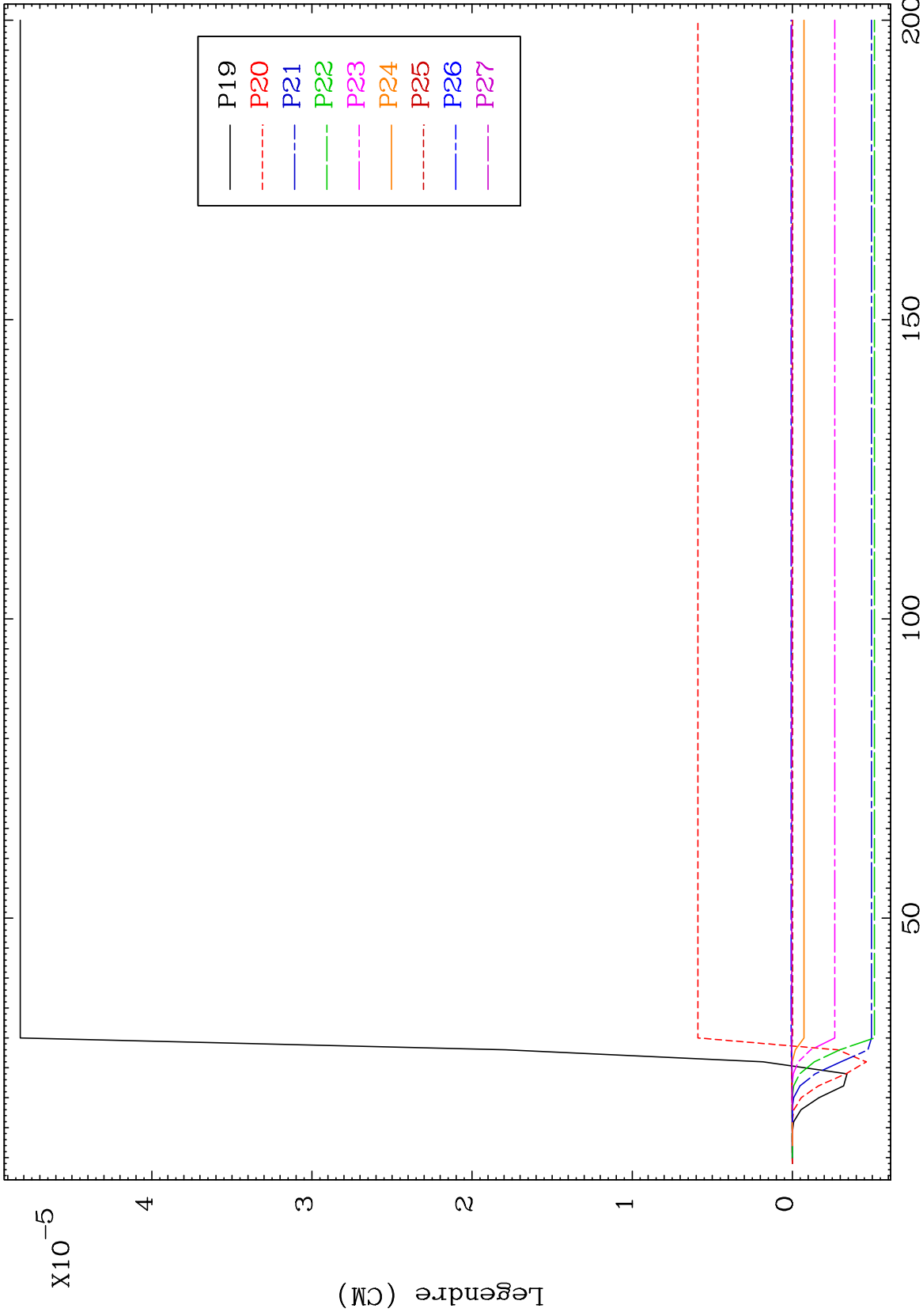
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 68 (n,n') Level  
Legendre Coefficients

56-Ba-142



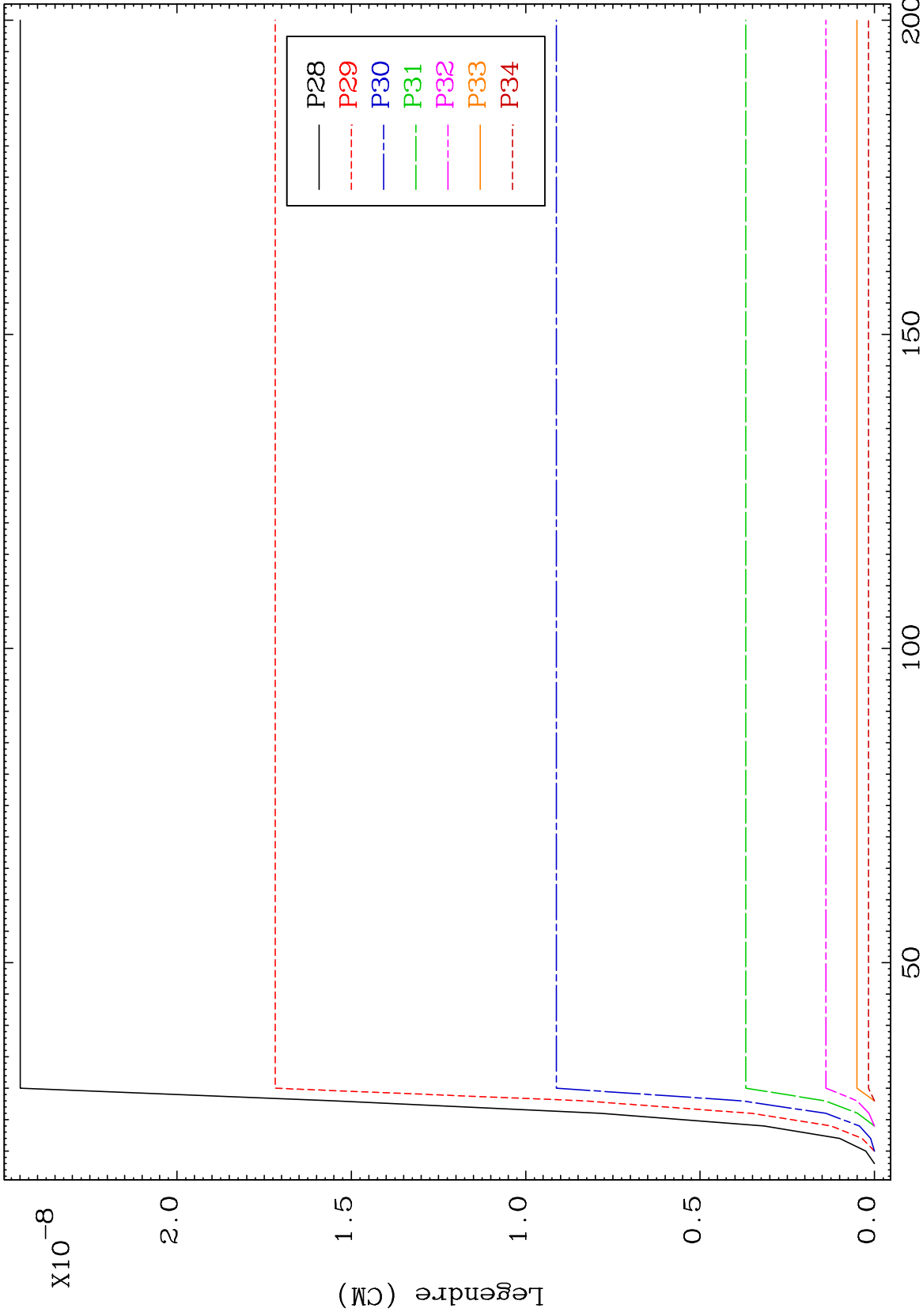
84

56-Ba-142

MAT 5661

MT= 68 (n,n') Level  
Legendre Coefficients

56-Ba-142



85

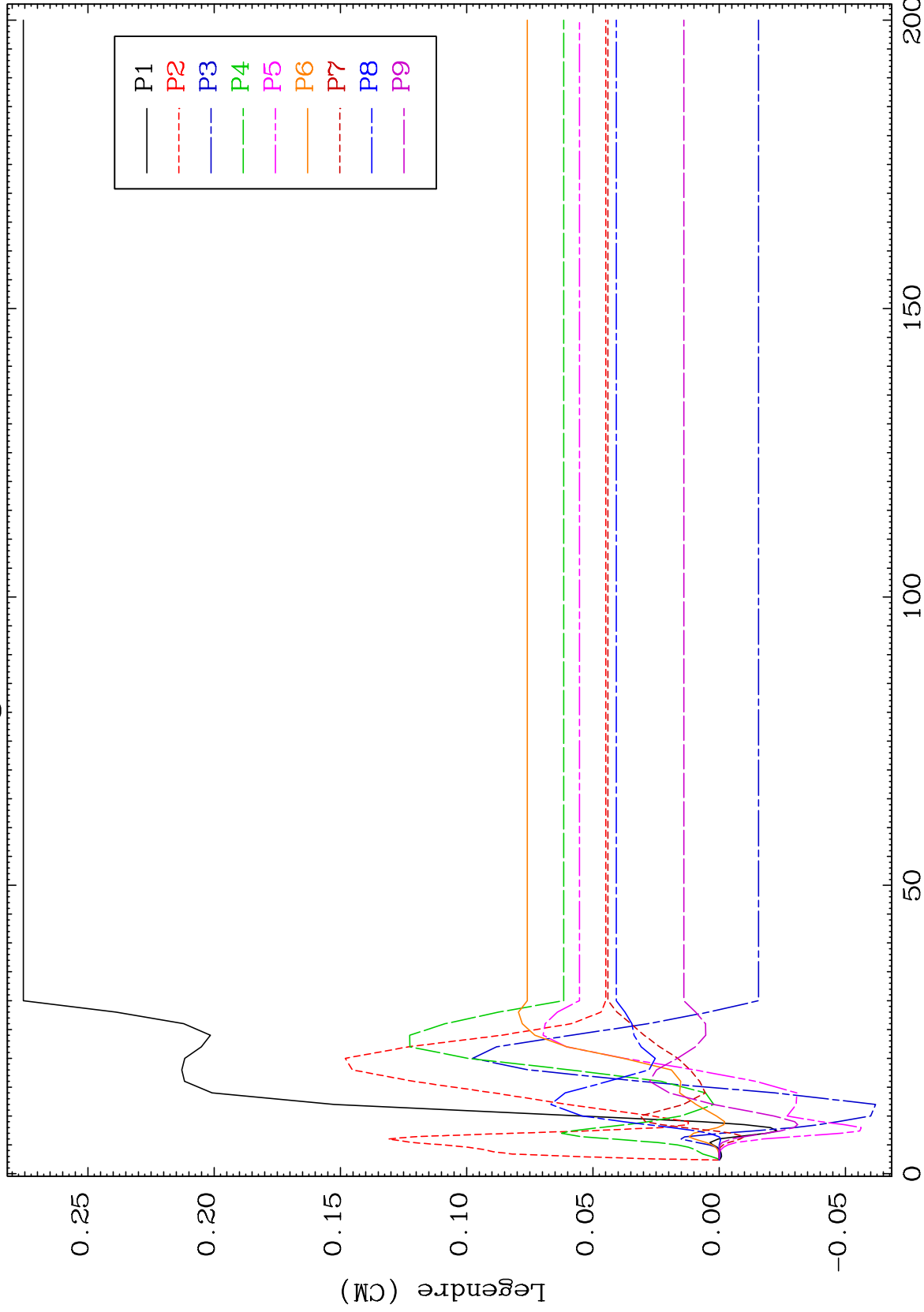
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 69 (n,n') Level  
Legendre Coefficients

56-Ba-142



86

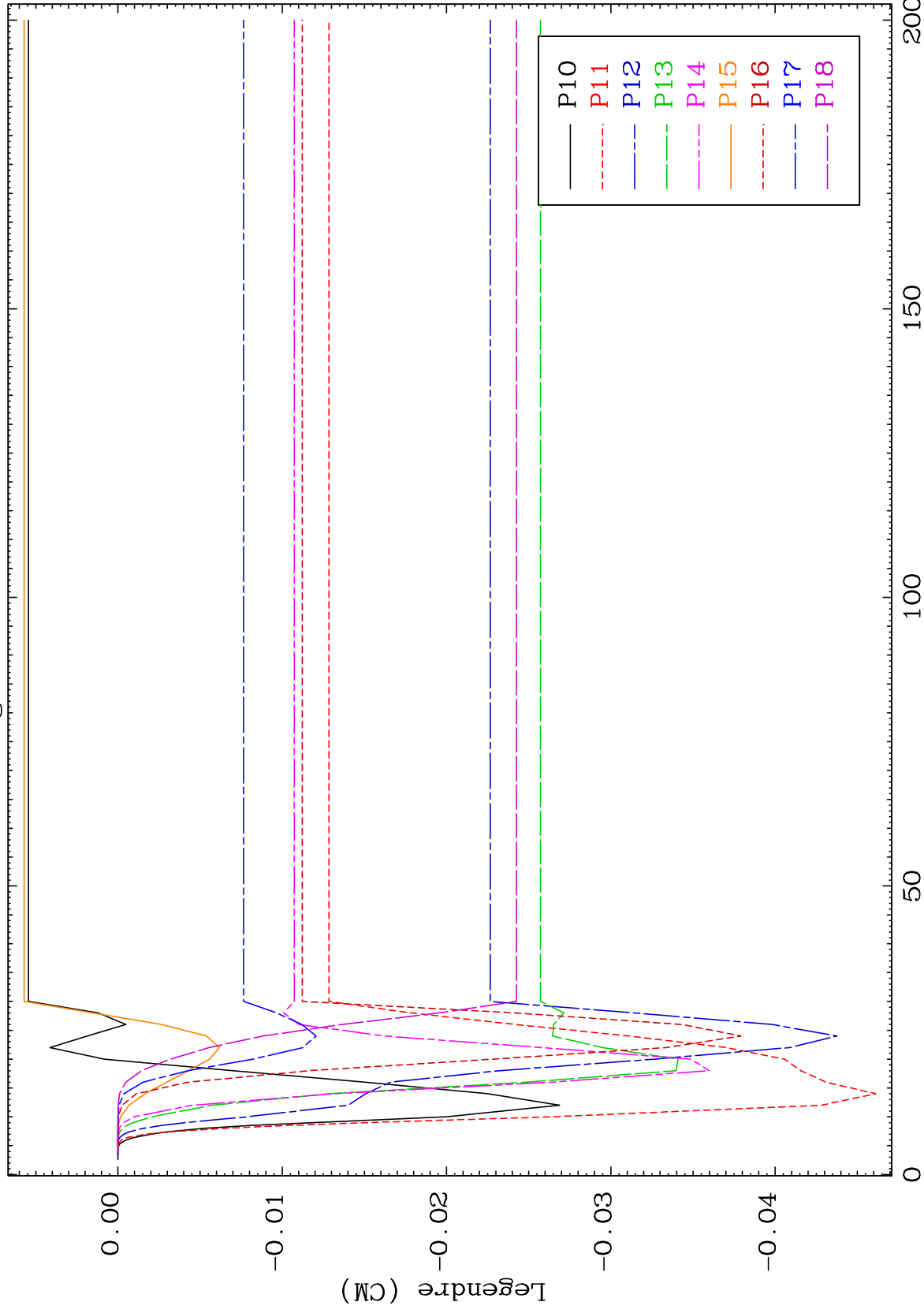
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 69 (n,n') Level  
Legendre Coefficients

56-Ba-142



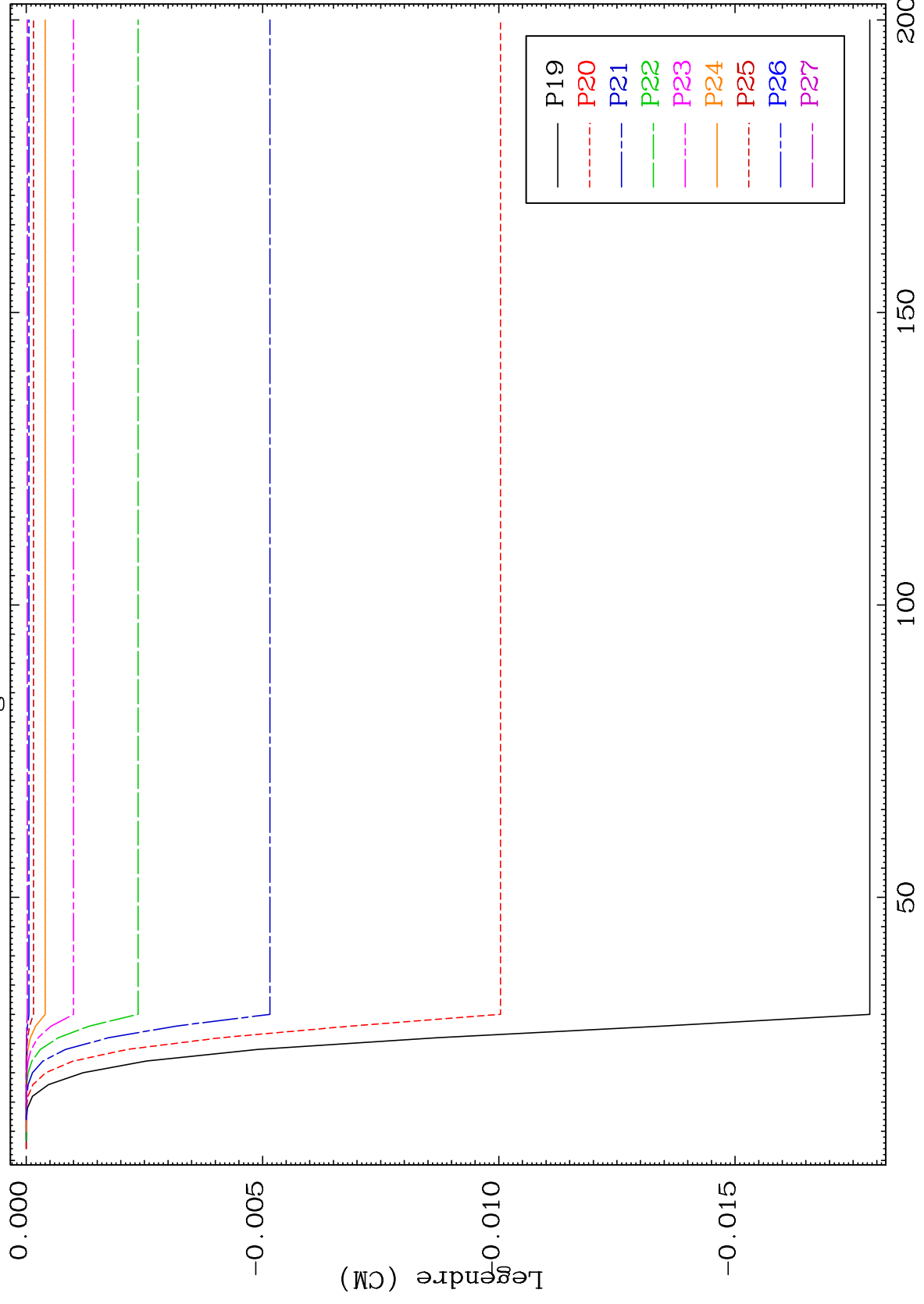
87

Incident Energy (MeV)

56-Ba-142



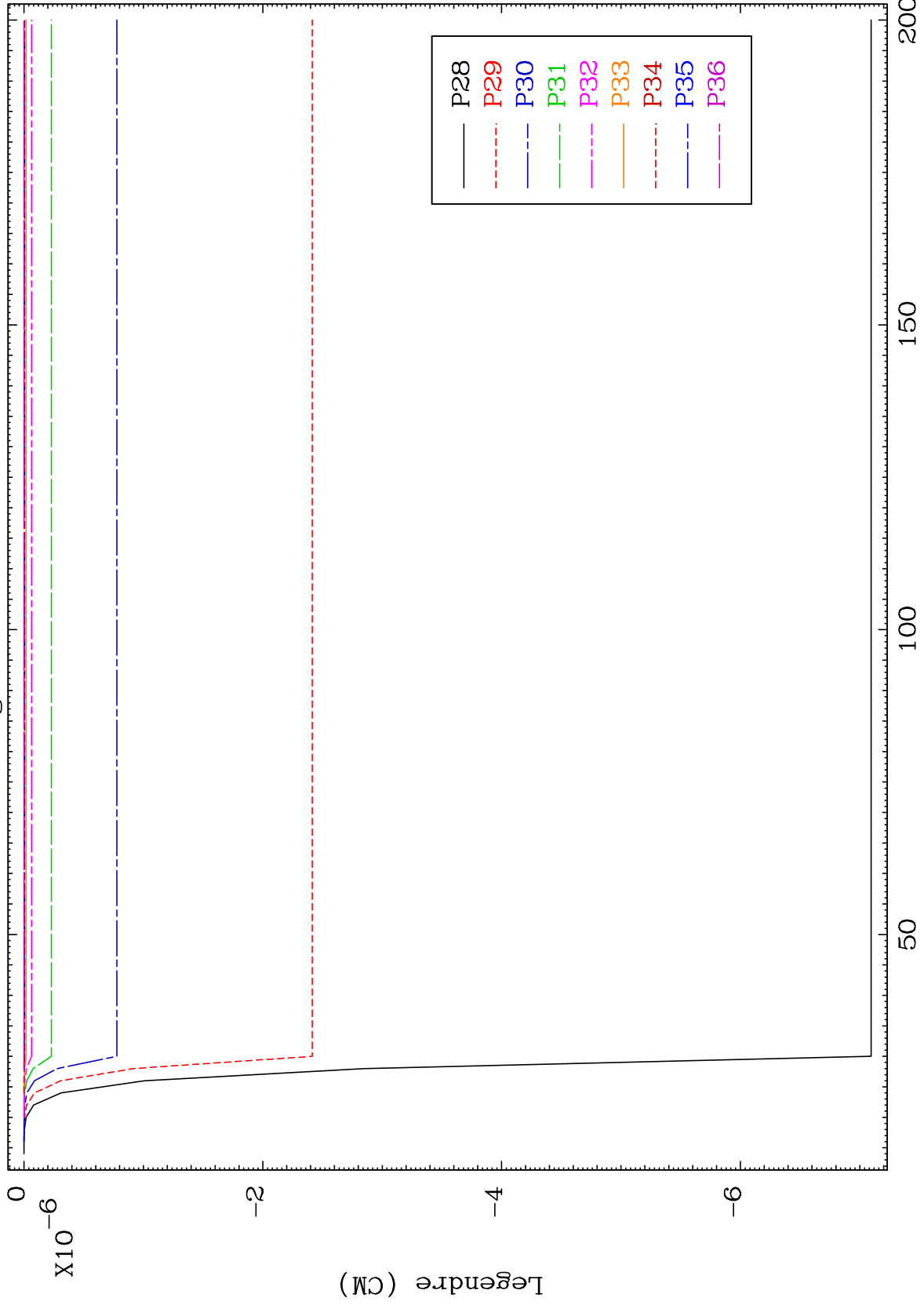
MAT 5661 MT= 69 (n,n') Level Legendre Coefficients 56-Ba-142



MAT 5661

MT= 69 (n,n') Level  
Legendre Coefficients

56-Ba-142



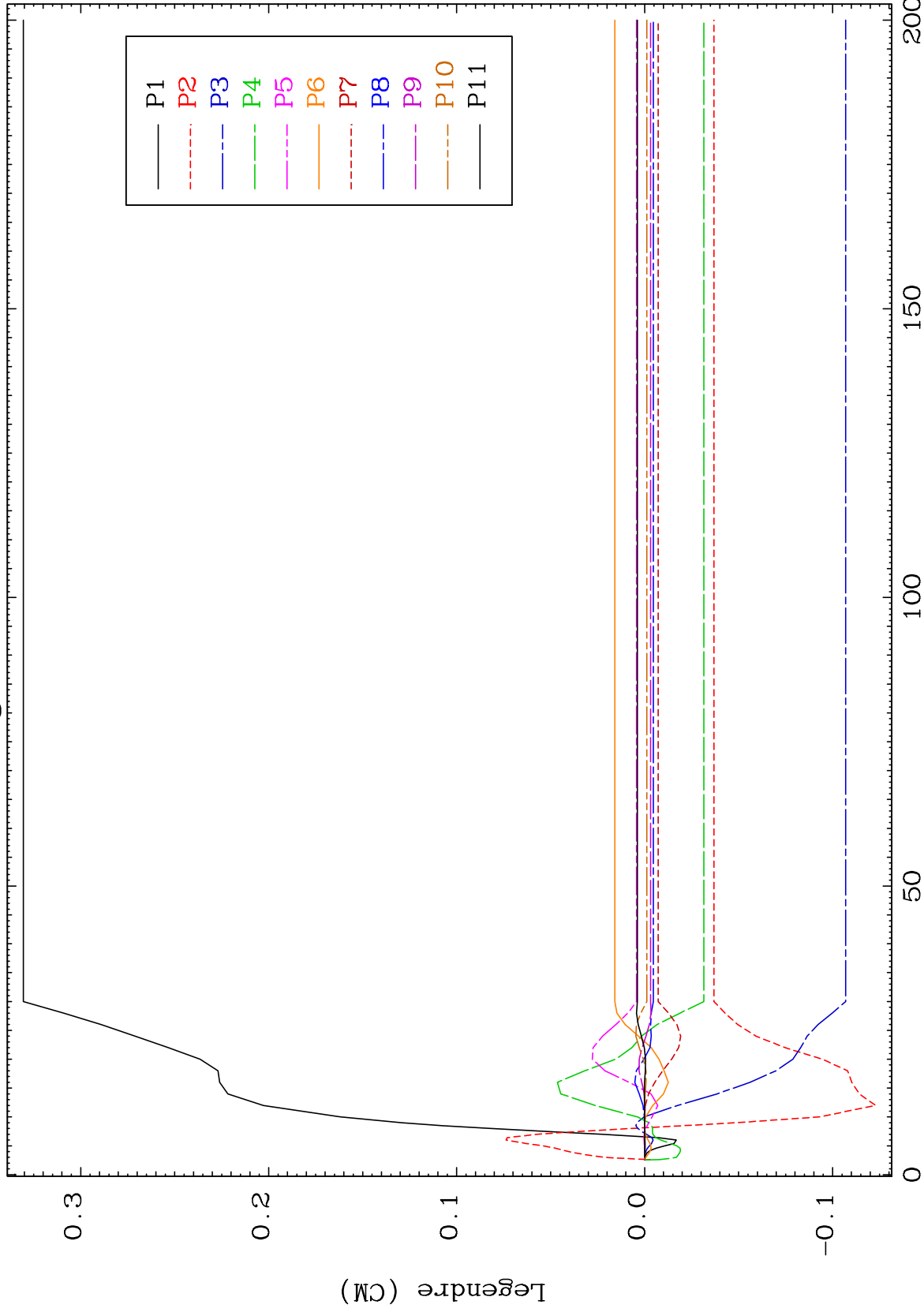
89

56-Ba-142

MAT 5661

MT= 70 (n,n') Level  
Legendre Coefficients

56-Ba-142



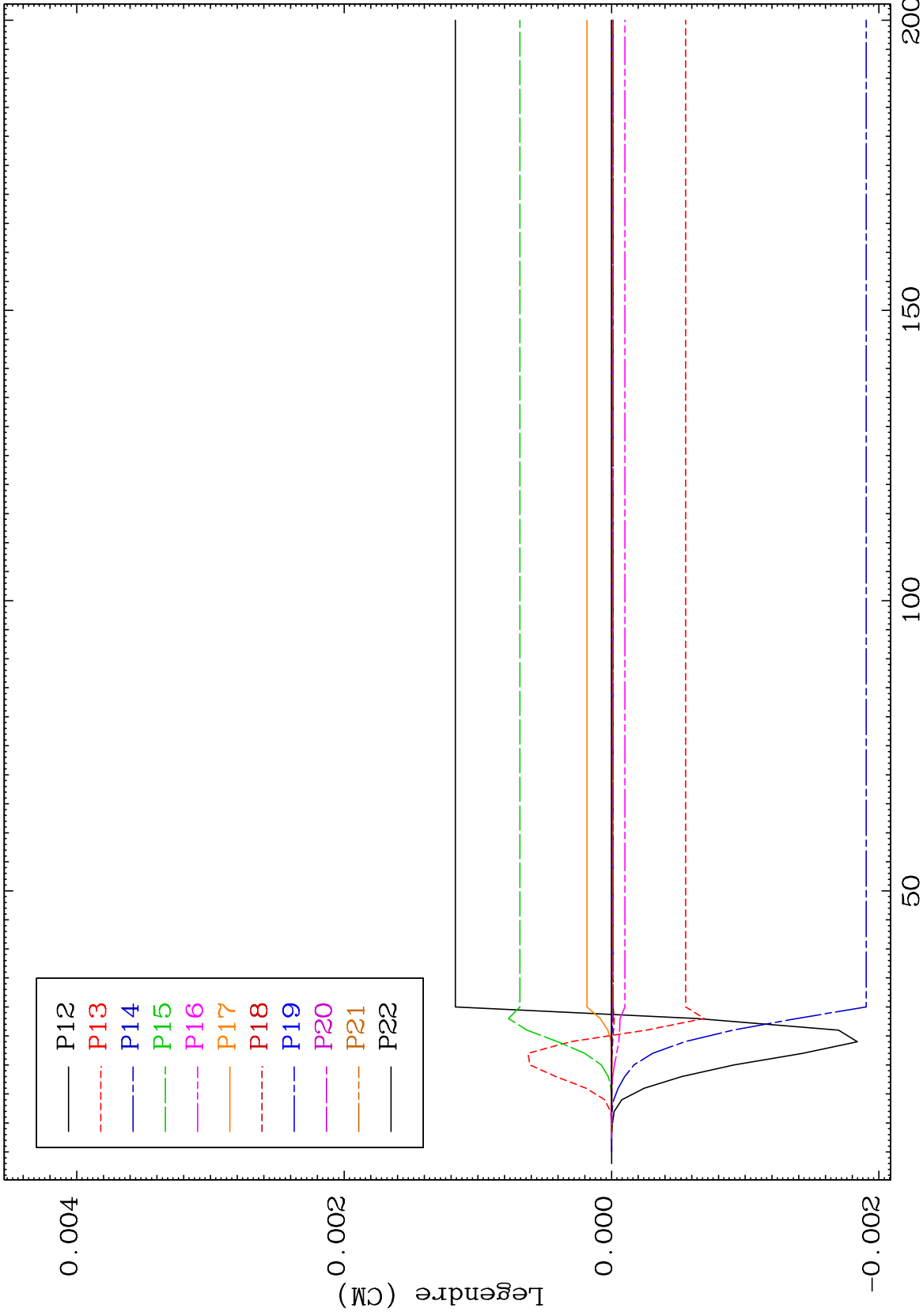
56-Ba-142

Incident Energy (MeV)

MAT 5661

MT= 70 (n,n') Level  
Legendre Coefficients

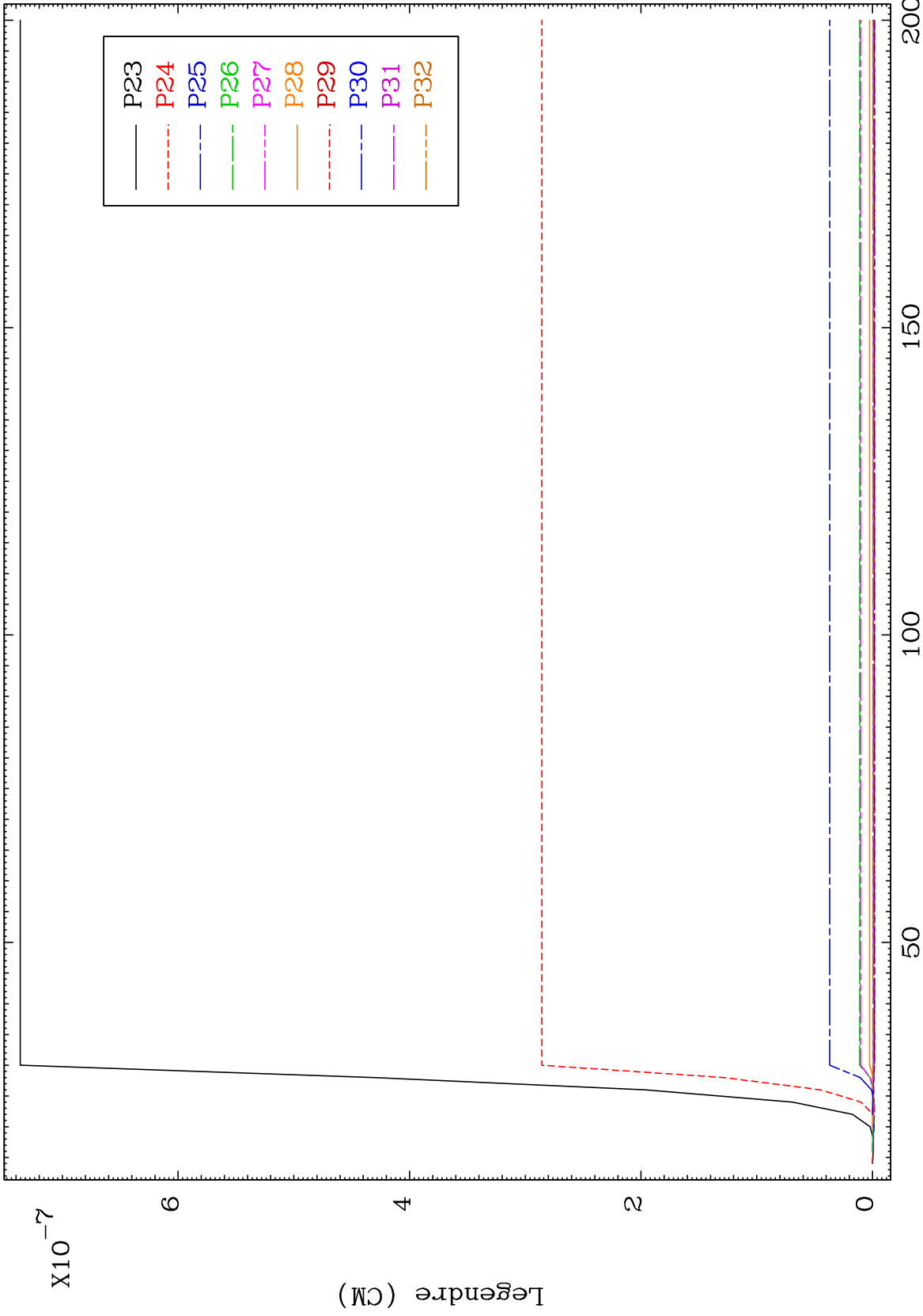
56-Ba-142



MAT 5661

MT= 70 (n,n') Level  
Legendre Coefficients

56-Ba-142



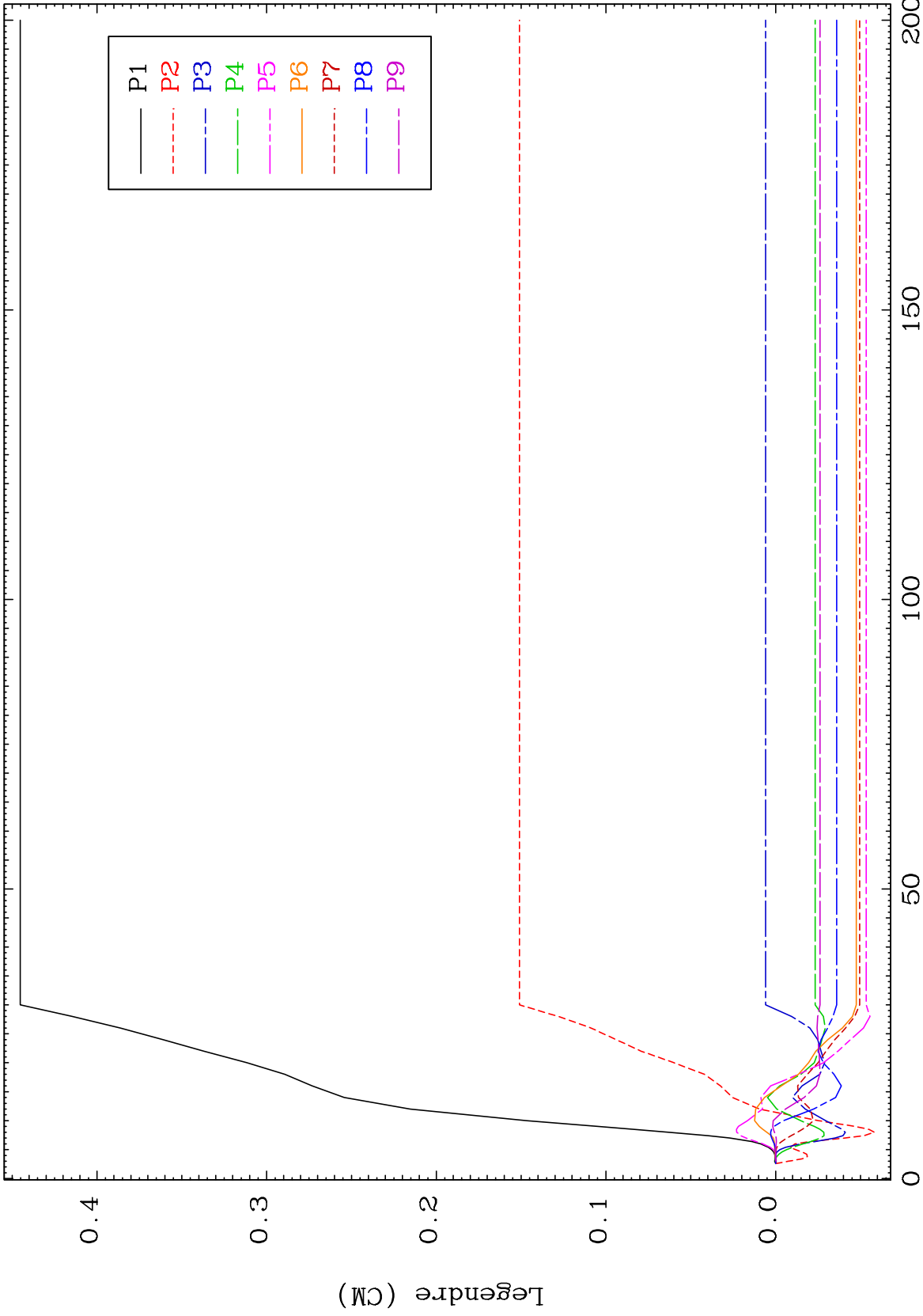
92

56-Ba-142

MAT 5661

MT= 71 (n,n') Level  
Legendre Coefficients

56-Ba-142



93

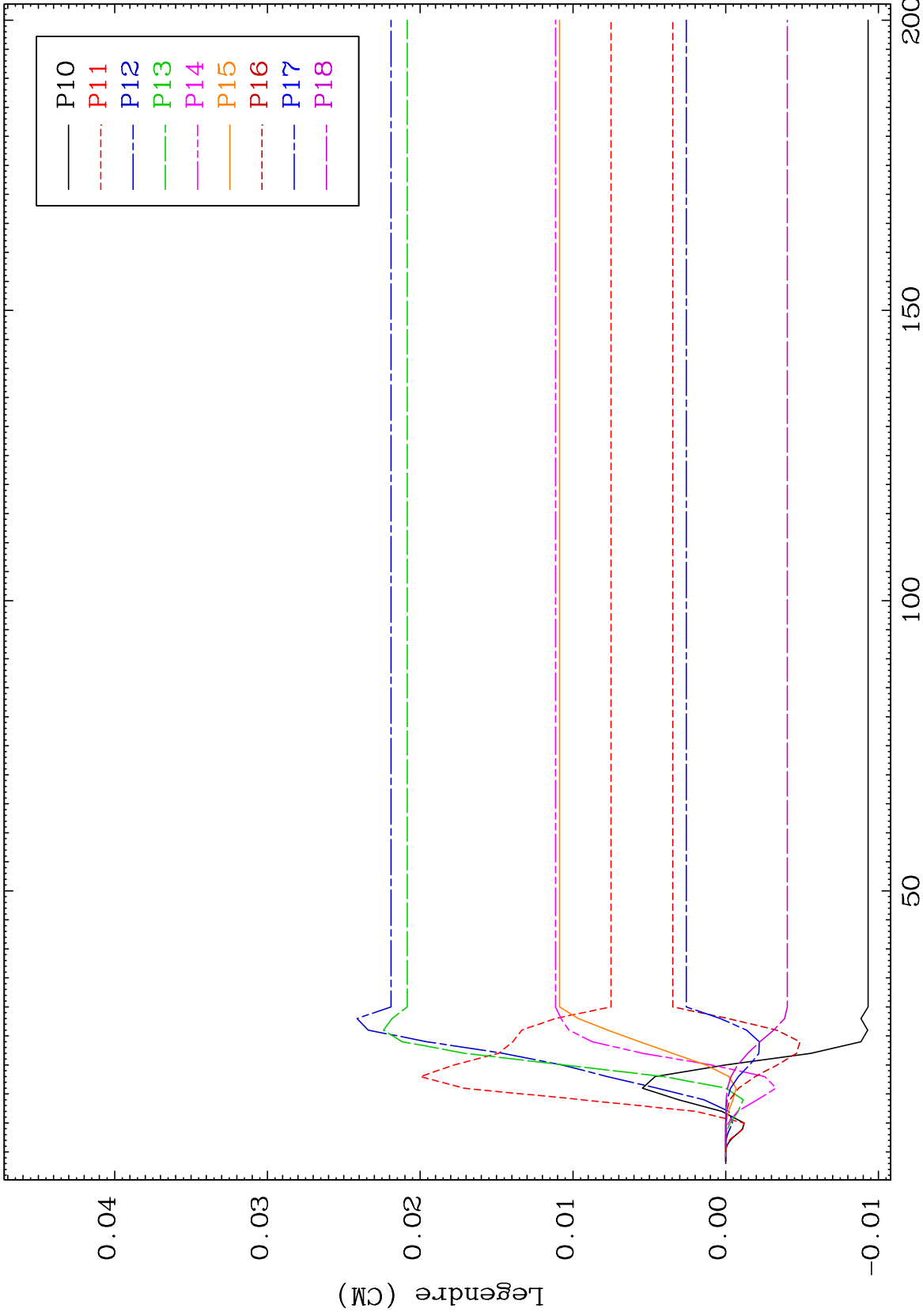
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 71 (n,n') Level  
Legendre Coefficients

56-Ba-142



94

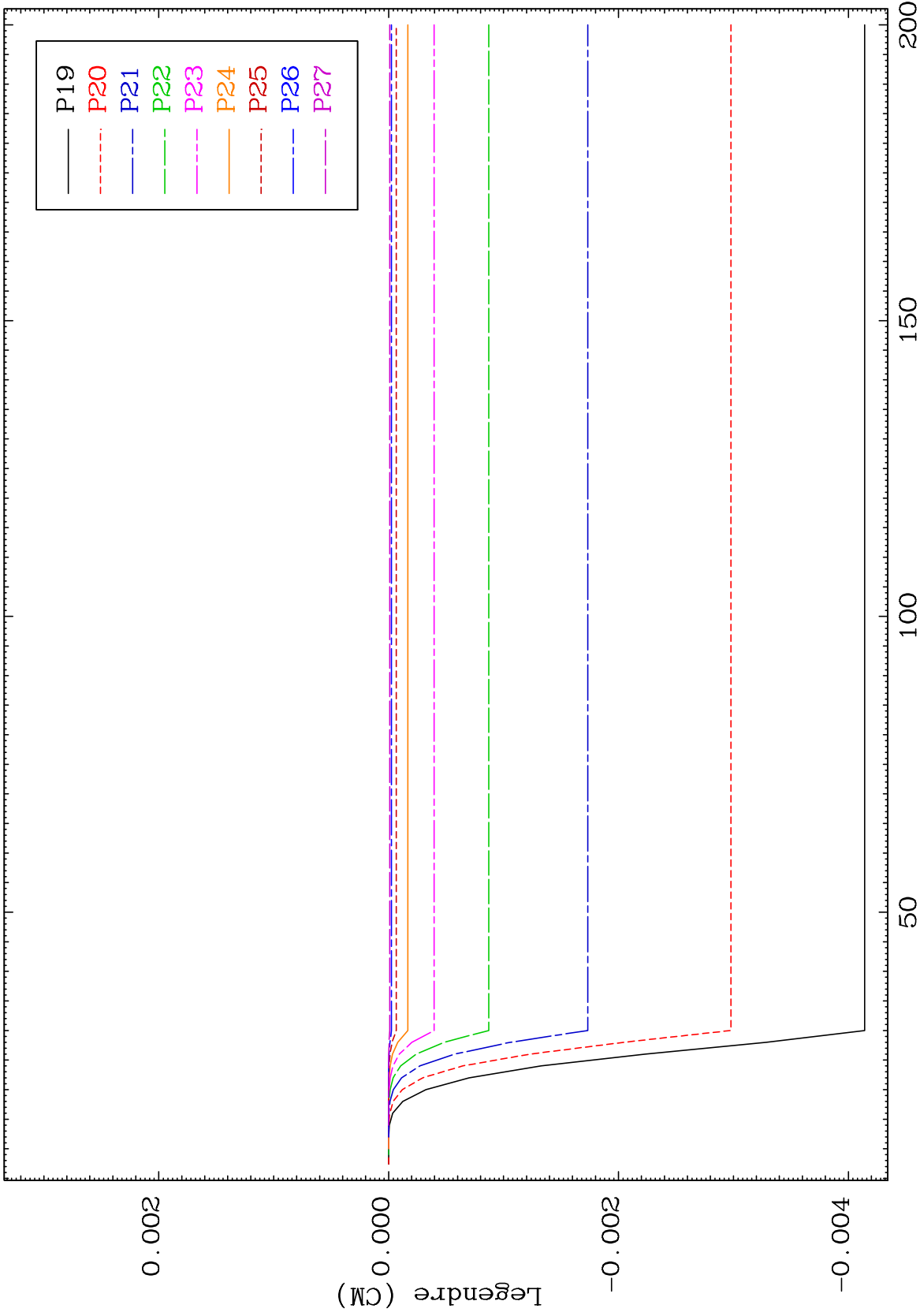
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 71 (n,n') Level  
Legendre Coefficients

56-Ba-142



95

Incident Energy (MeV)

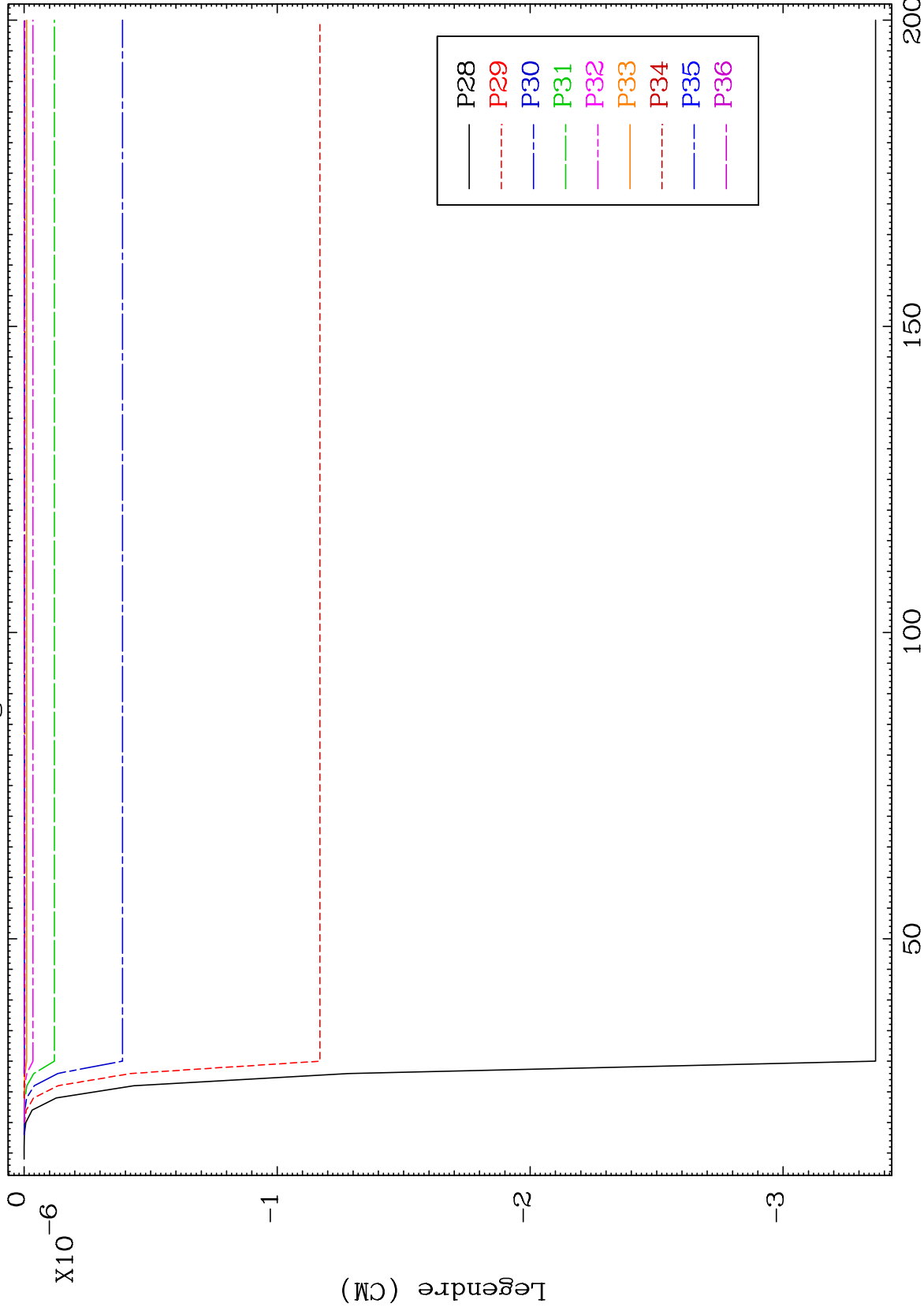
56-Ba-142



MAT 5661

MT= 71 (n,n') Level  
Legendre Coefficients

56-Ba-142



56-Ba-142

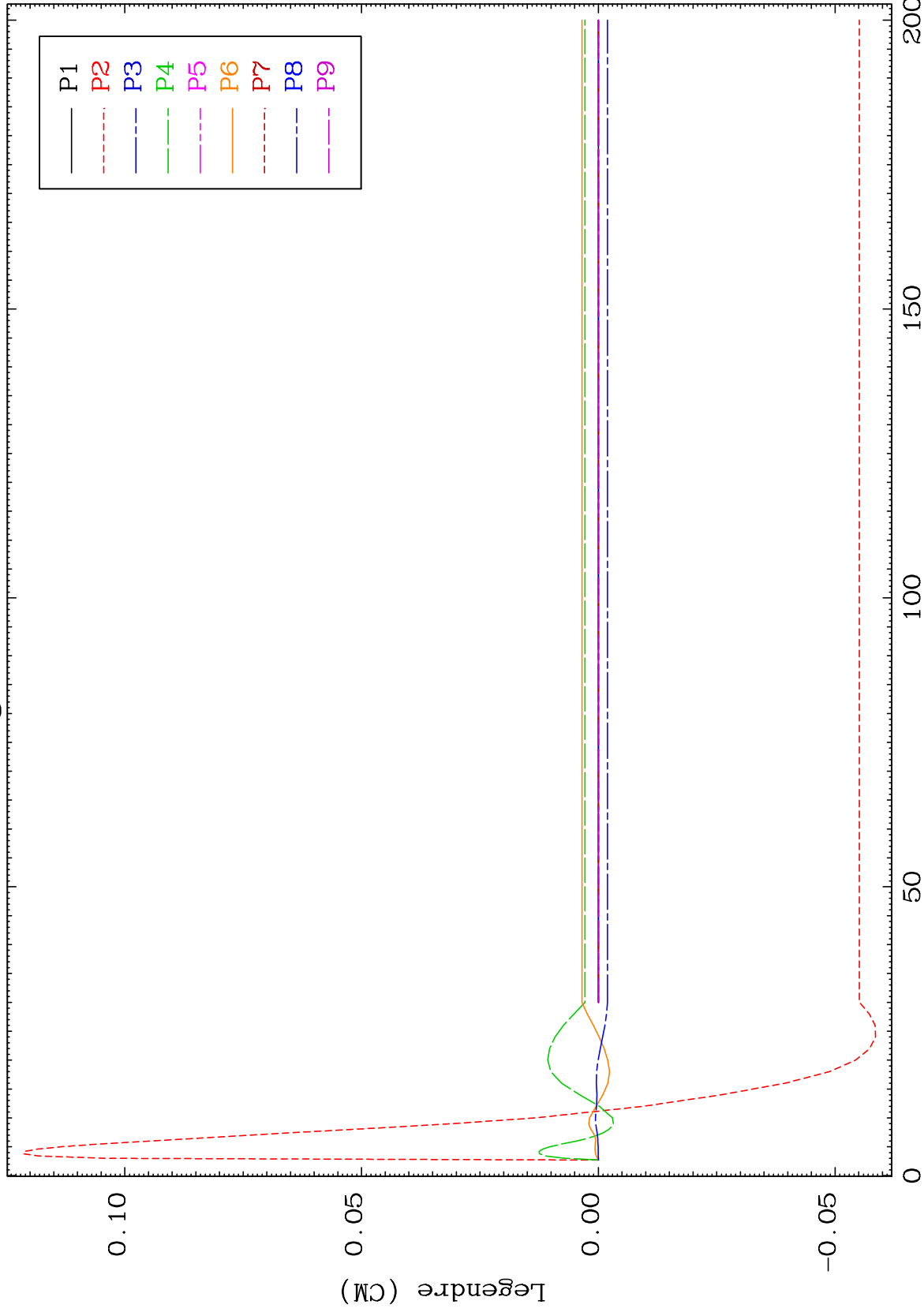
Incident Energy (MeV)

96

MAT 5661

MT= 72 (n,n') Level  
Legendre Coefficients

56-Ba-142



97

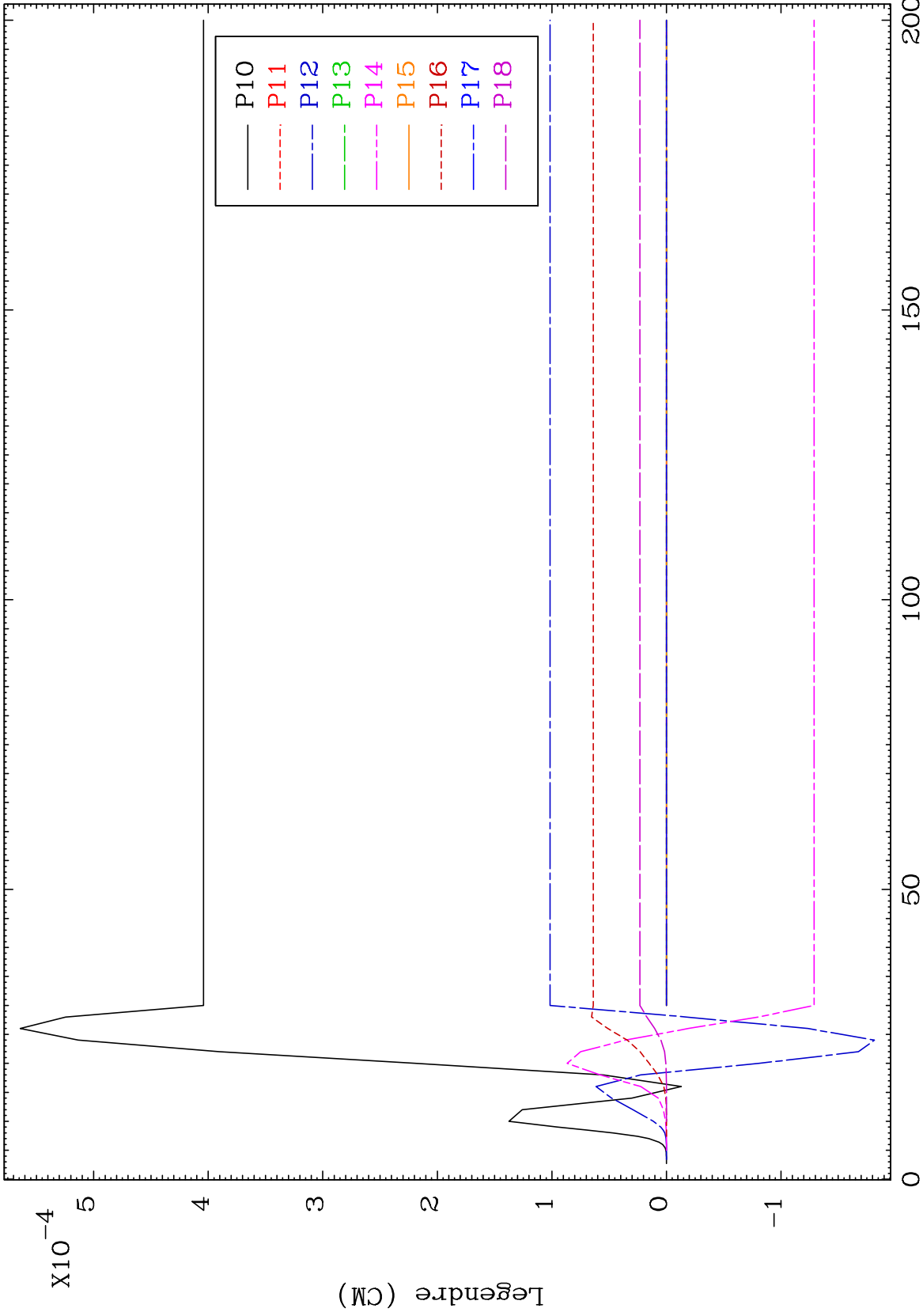
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 72 (n,n') Level  
Legendre Coefficients

56-Ba-142



98

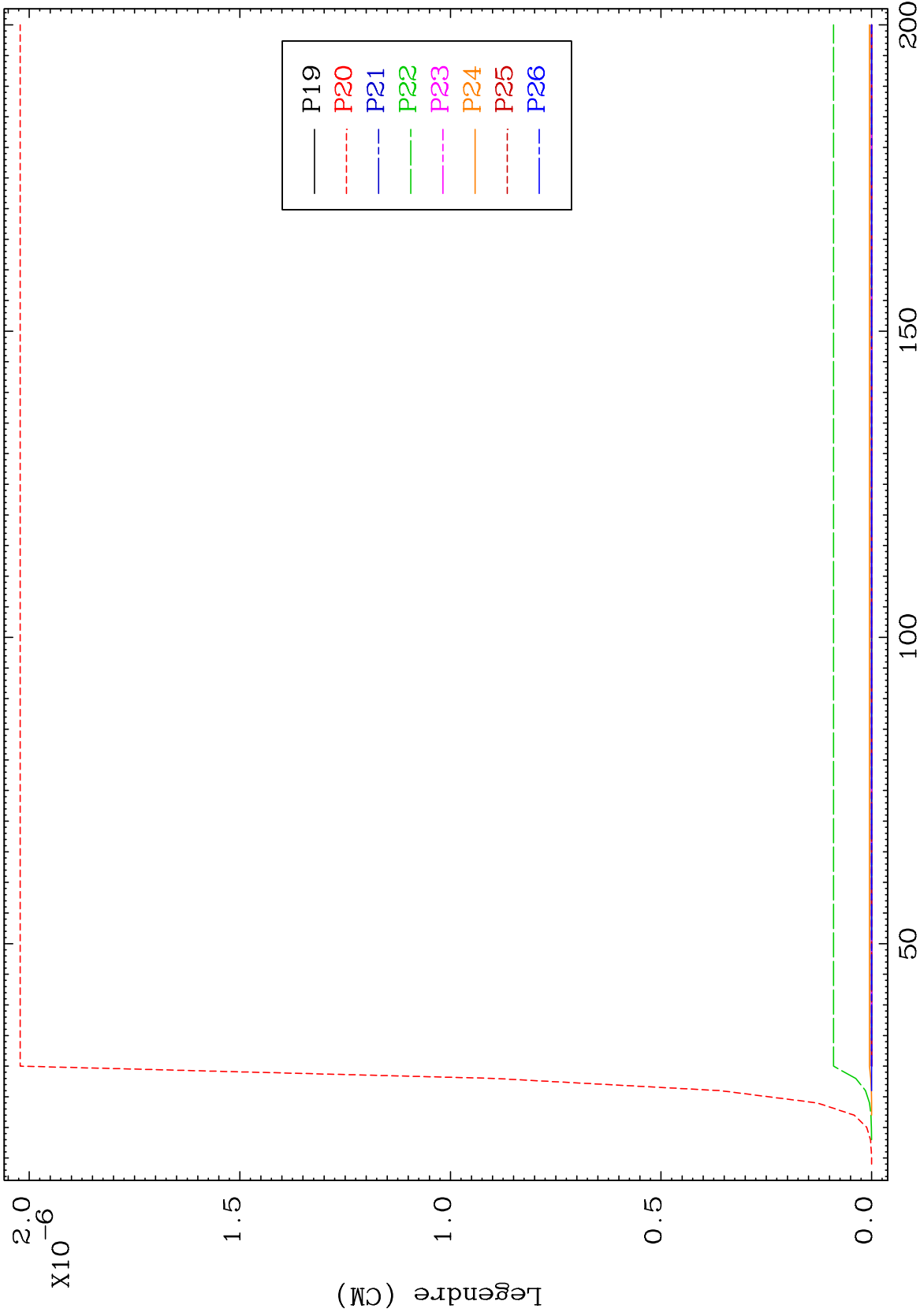
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 72 (n,n') Level  
Legendre Coefficients

56-Ba-142



99

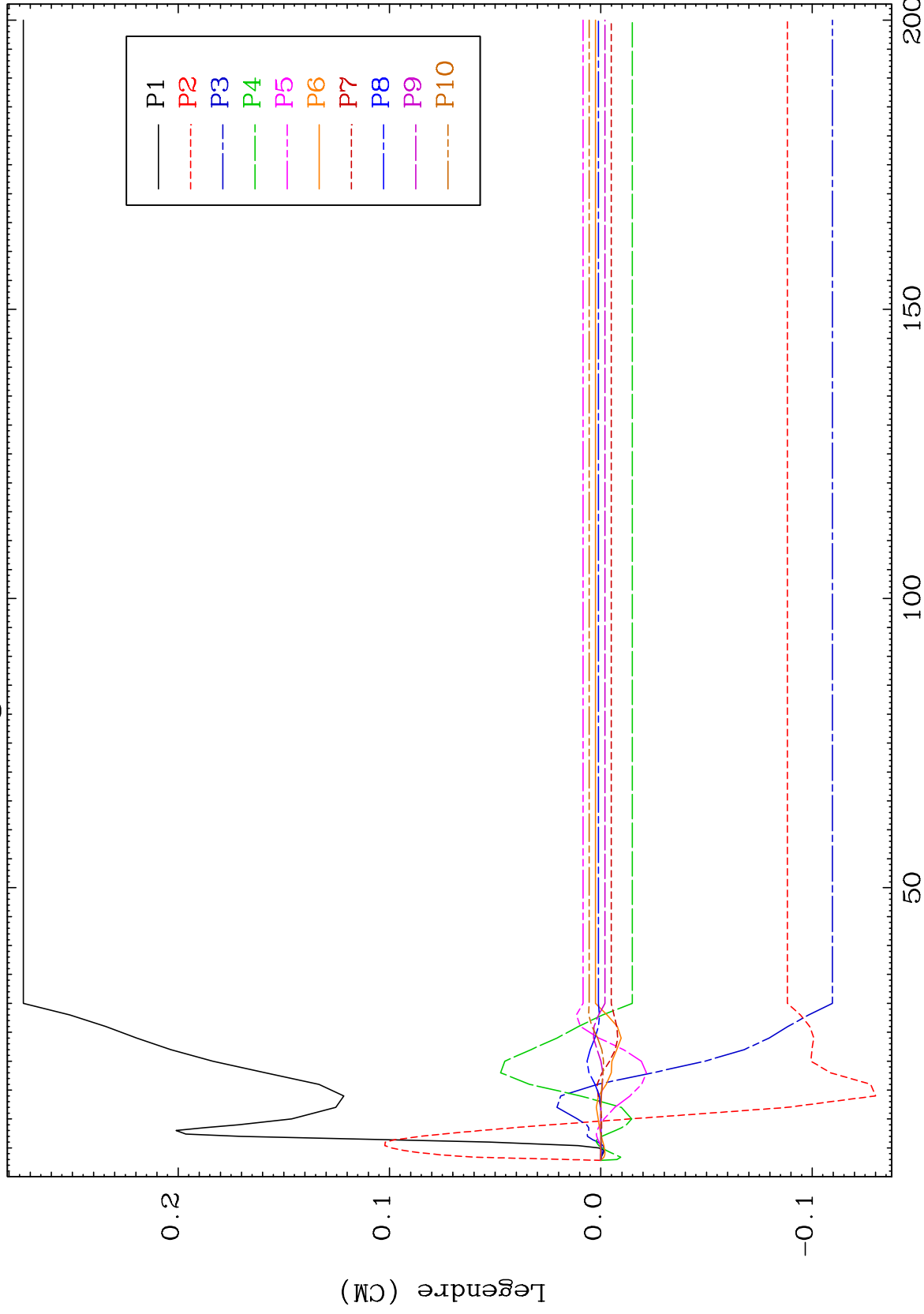
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 73 (n,n') Level  
Legendre Coefficients

56-Ba-142



56-Ba-142

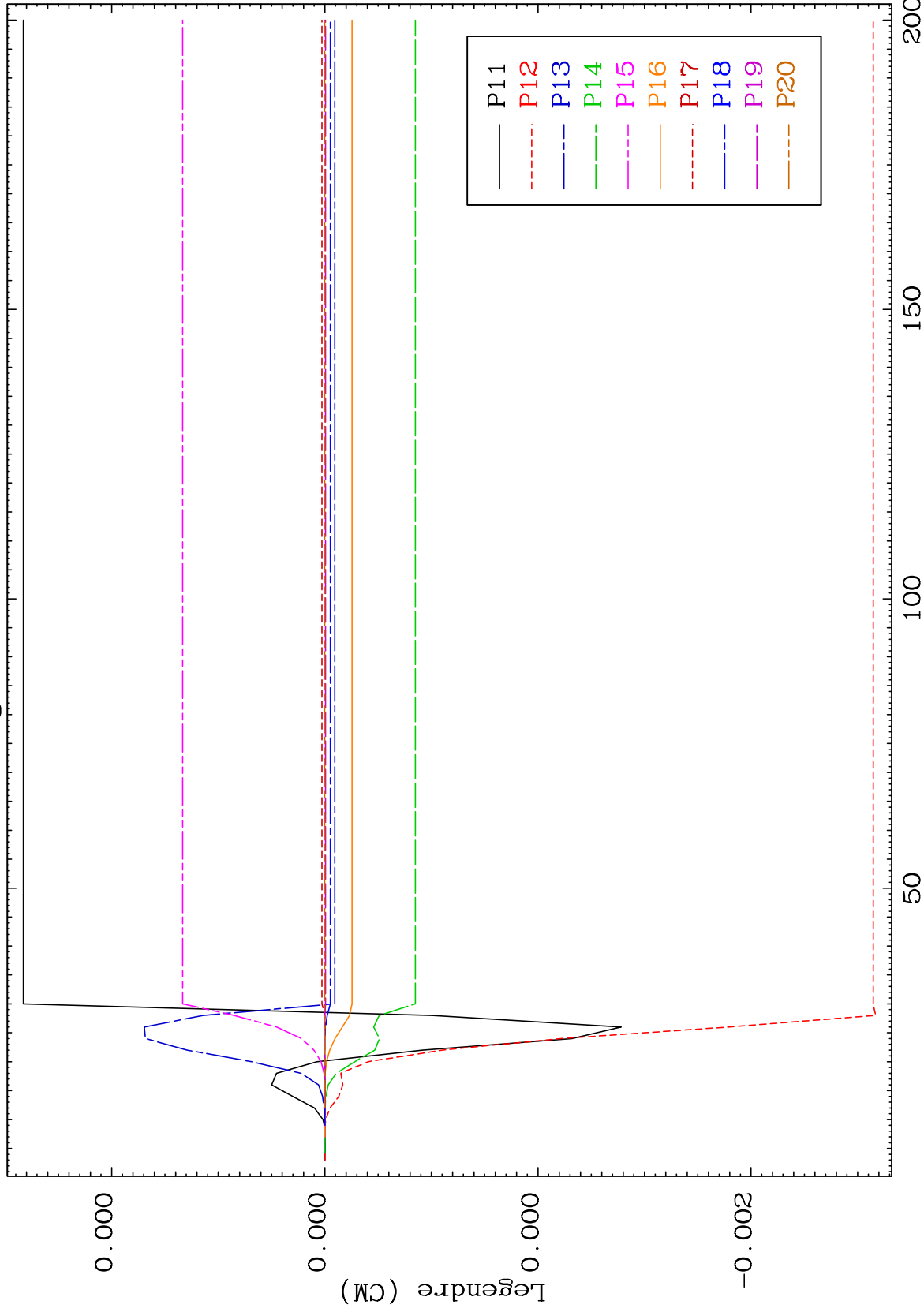
Incident Energy (MeV)

Legendre (CM)

MAT 5661

MT= 73 (n,n') Level  
Legendre Coefficients

56-Ba-142



101

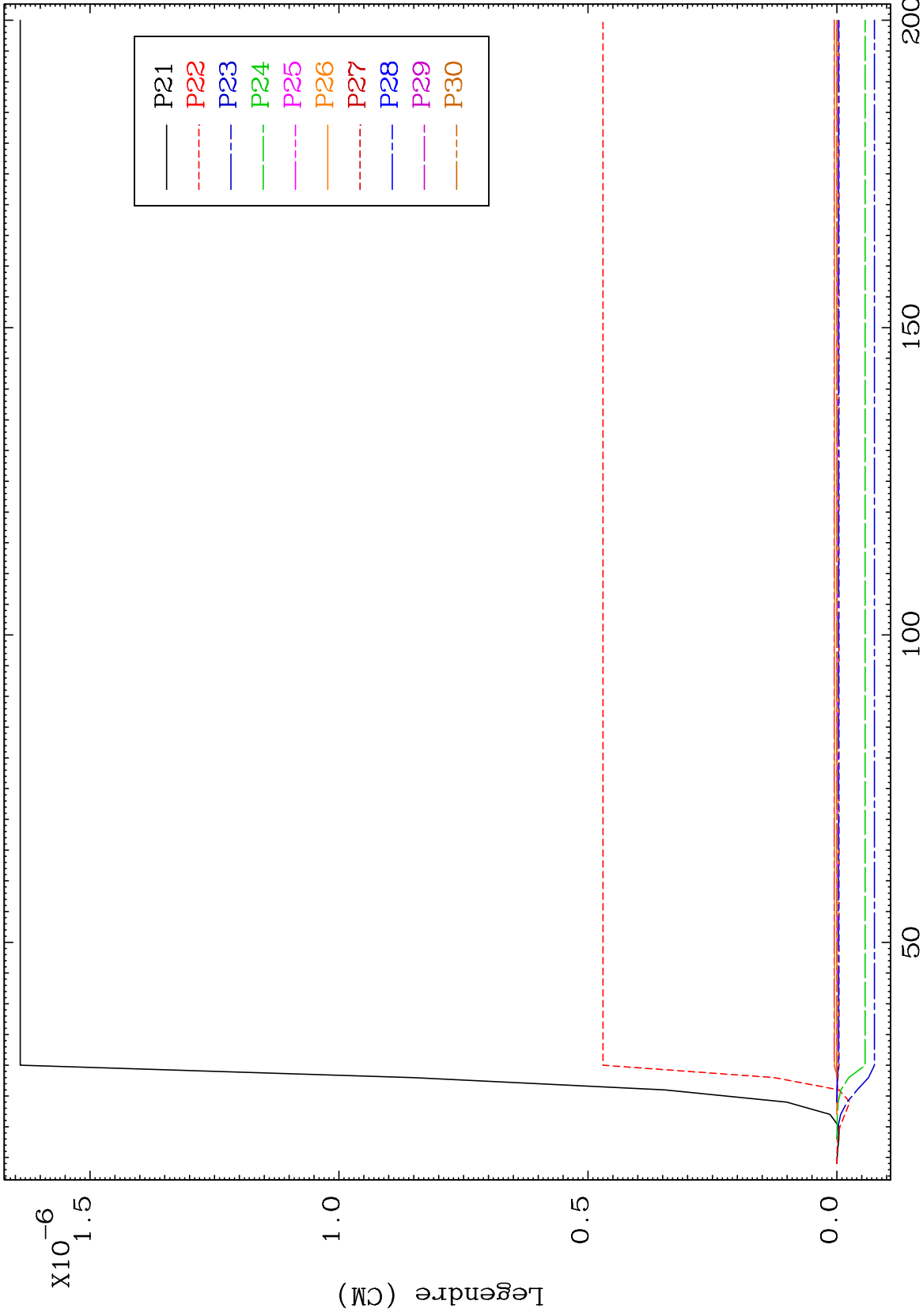
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 73 (n,n') Level  
Legendre Coefficients

56-Ba-142



102

Incident Energy (MeV)

56-Ba-142

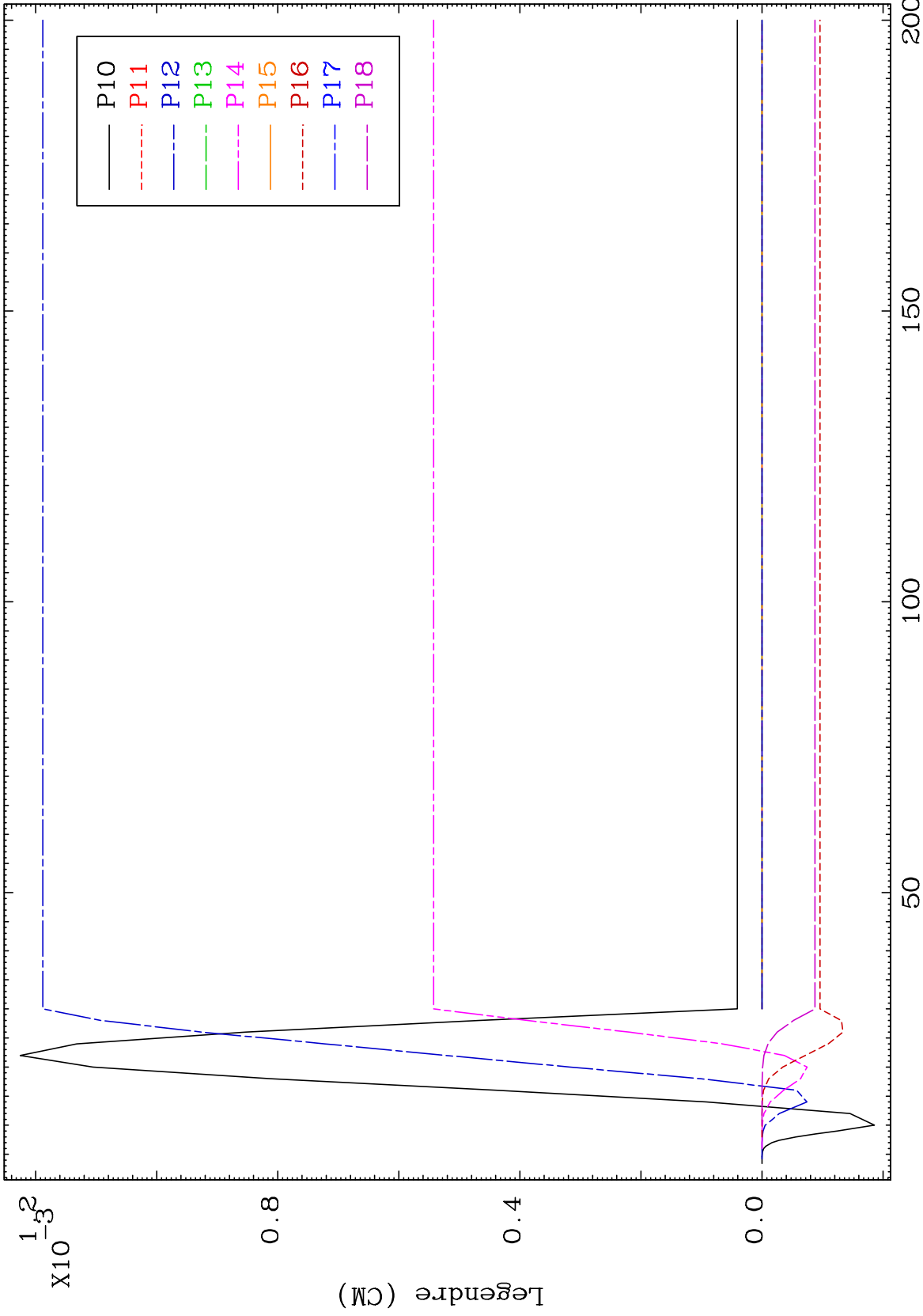




MAT 5661

MT= 74 (n,n') Level  
Legendre Coefficients

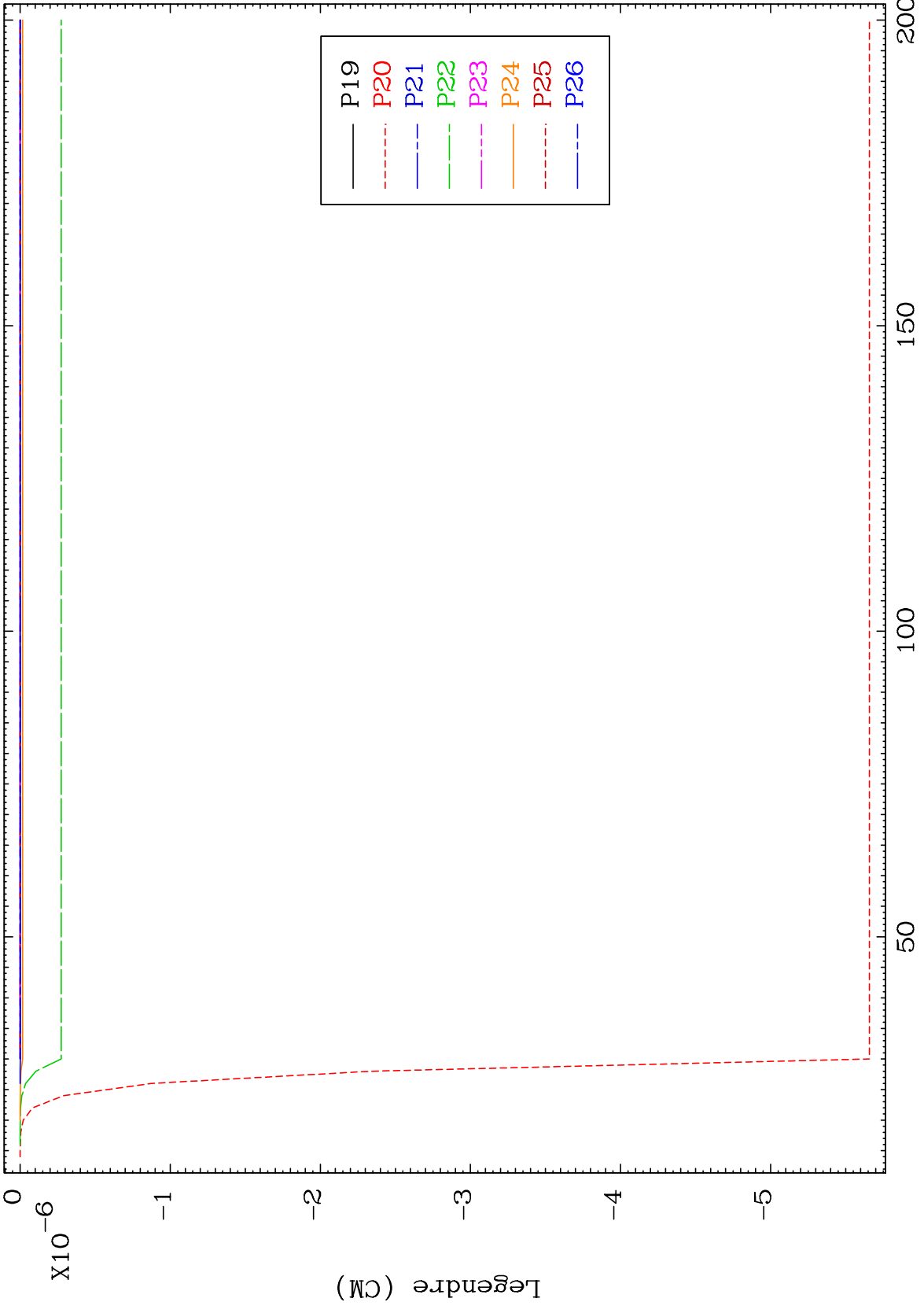
56-Ba-142



104

56-Ba-142

MAT 5661 MT= 74 (n,n') Level Legendre Coefficients 56-Ba-142

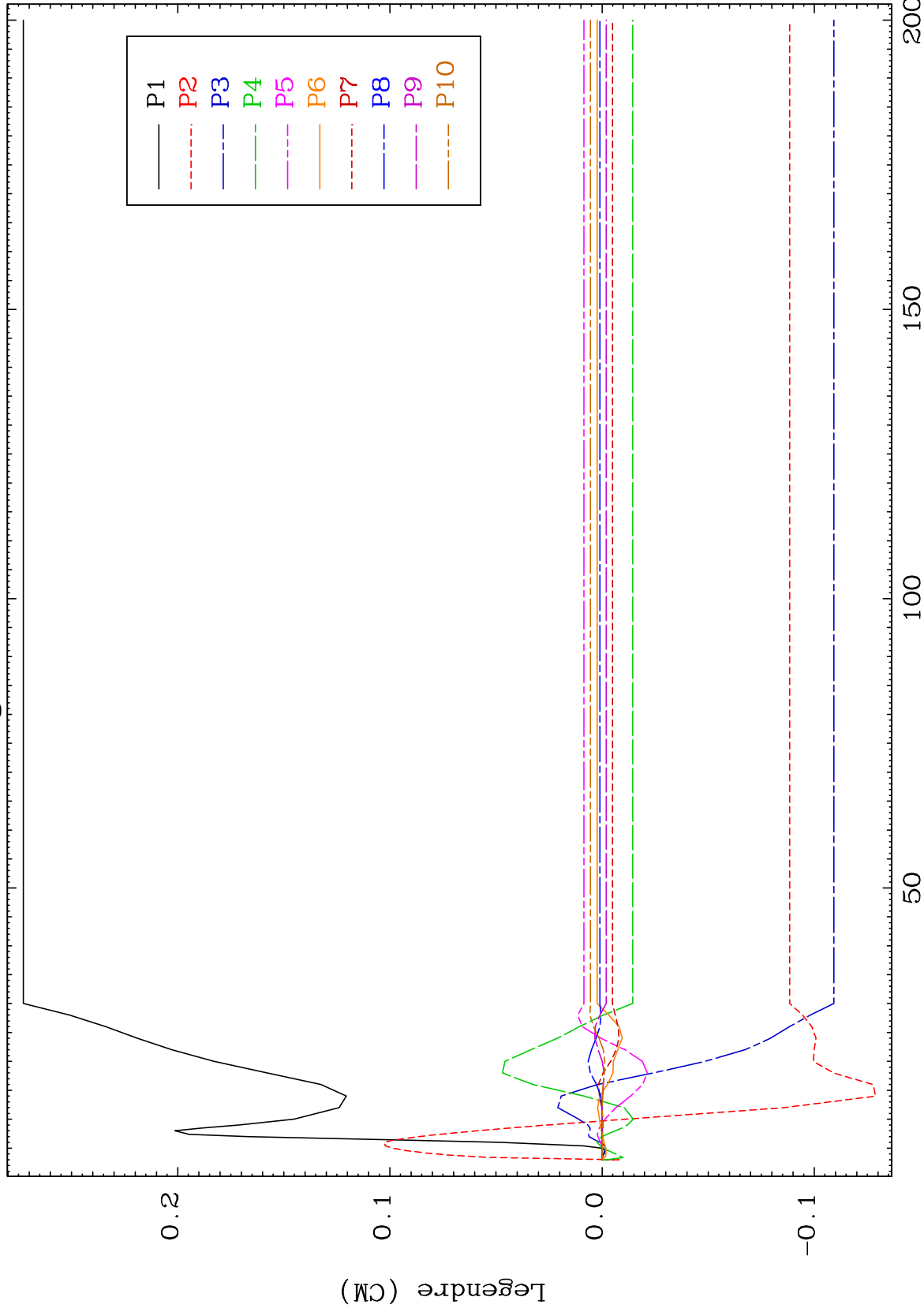


105 Incident Energy (MeV) 56-Ba-142

MAT 5661

MT= 75 (n,n') Level  
Legendre Coefficients

56-Ba-142



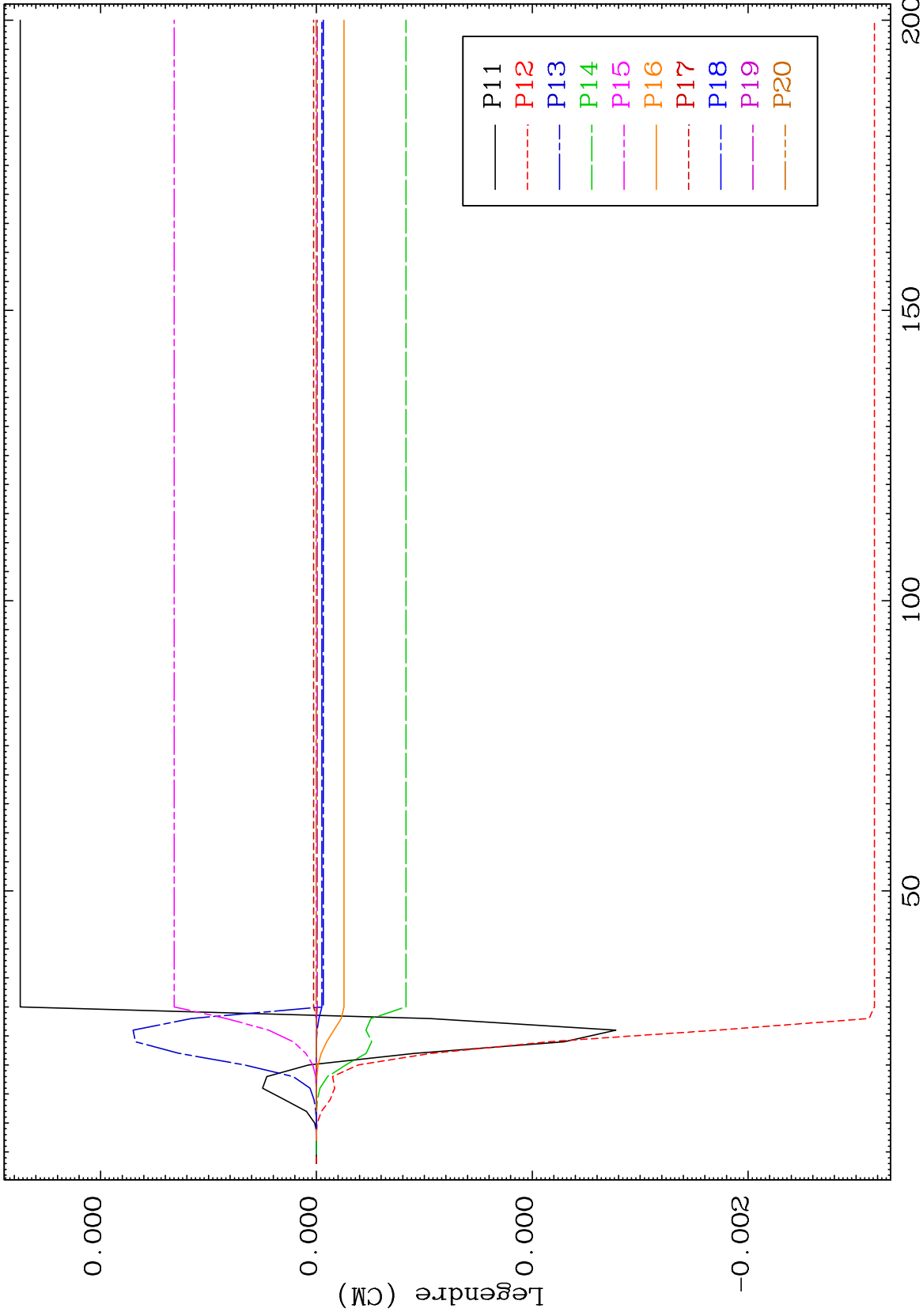
106

56-Ba-142

MAT 5661

MT= 75 (n,n') Level  
Legendre Coefficients

56-Ba-142



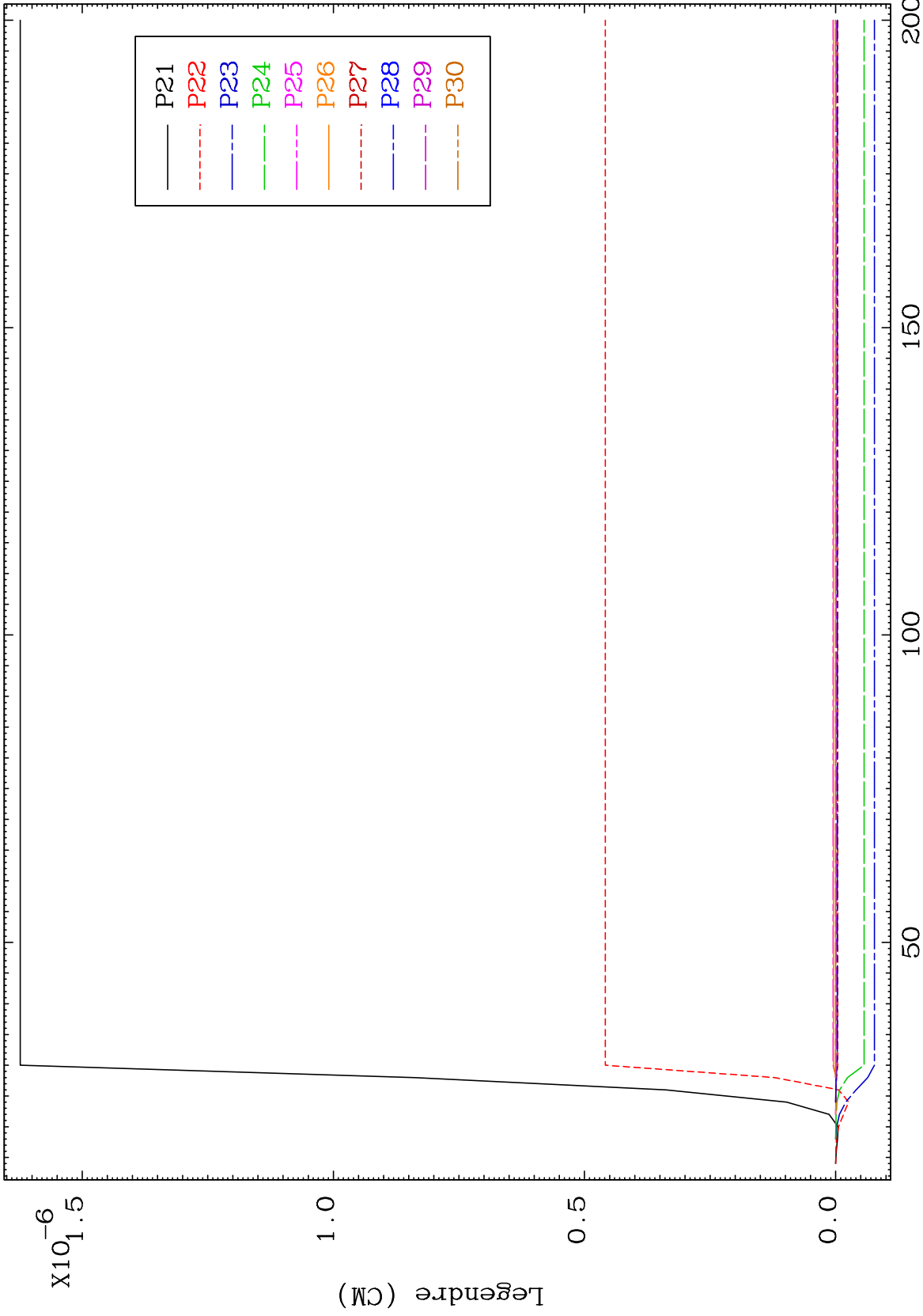
107

56-Ba-142

MAT 5661

MT= 75 (n,n') Level  
Legendre Coefficients

56-Ba-142



108

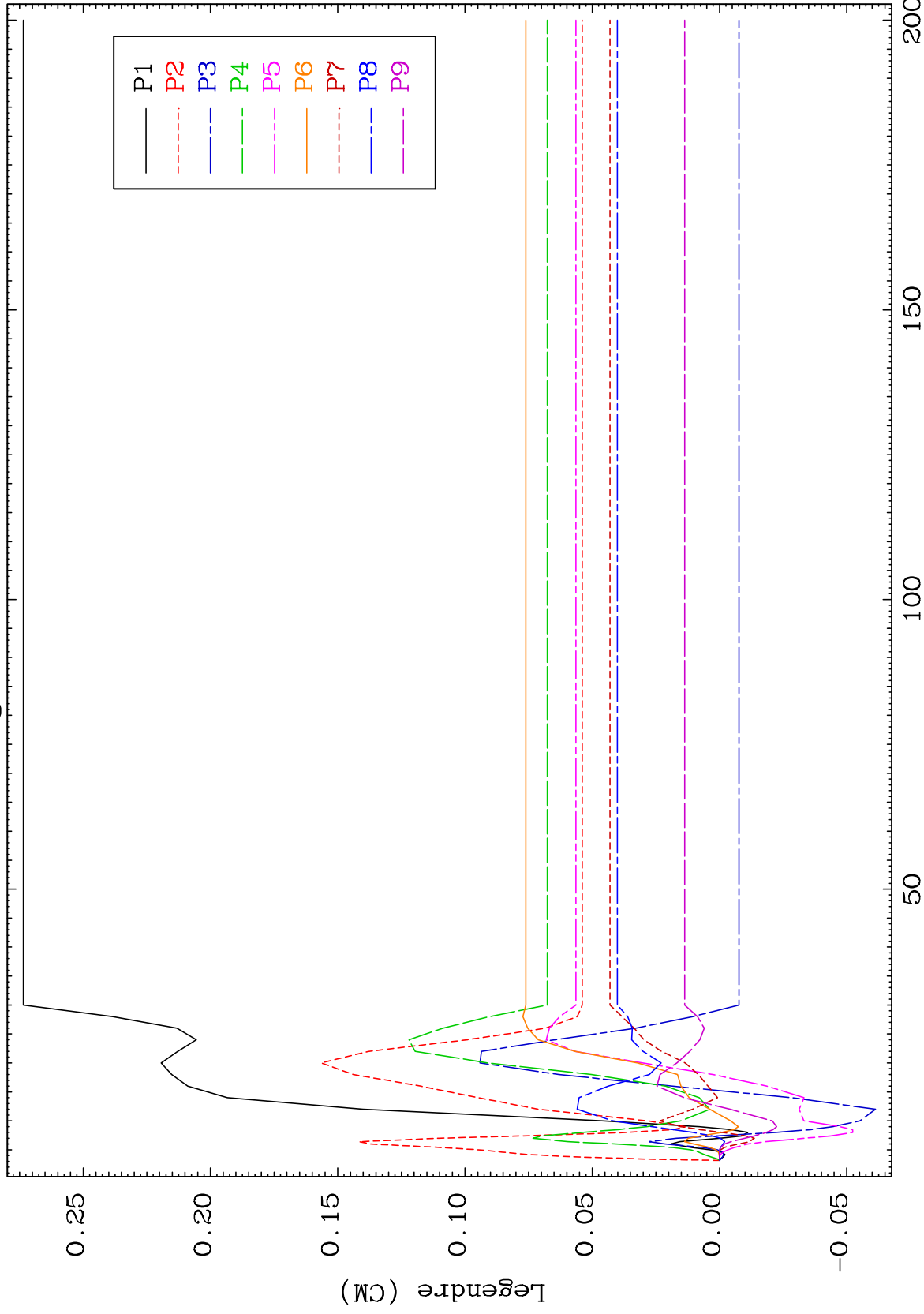
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 76 (n,n') Level  
Legendre Coefficients

56-Ba-142



109

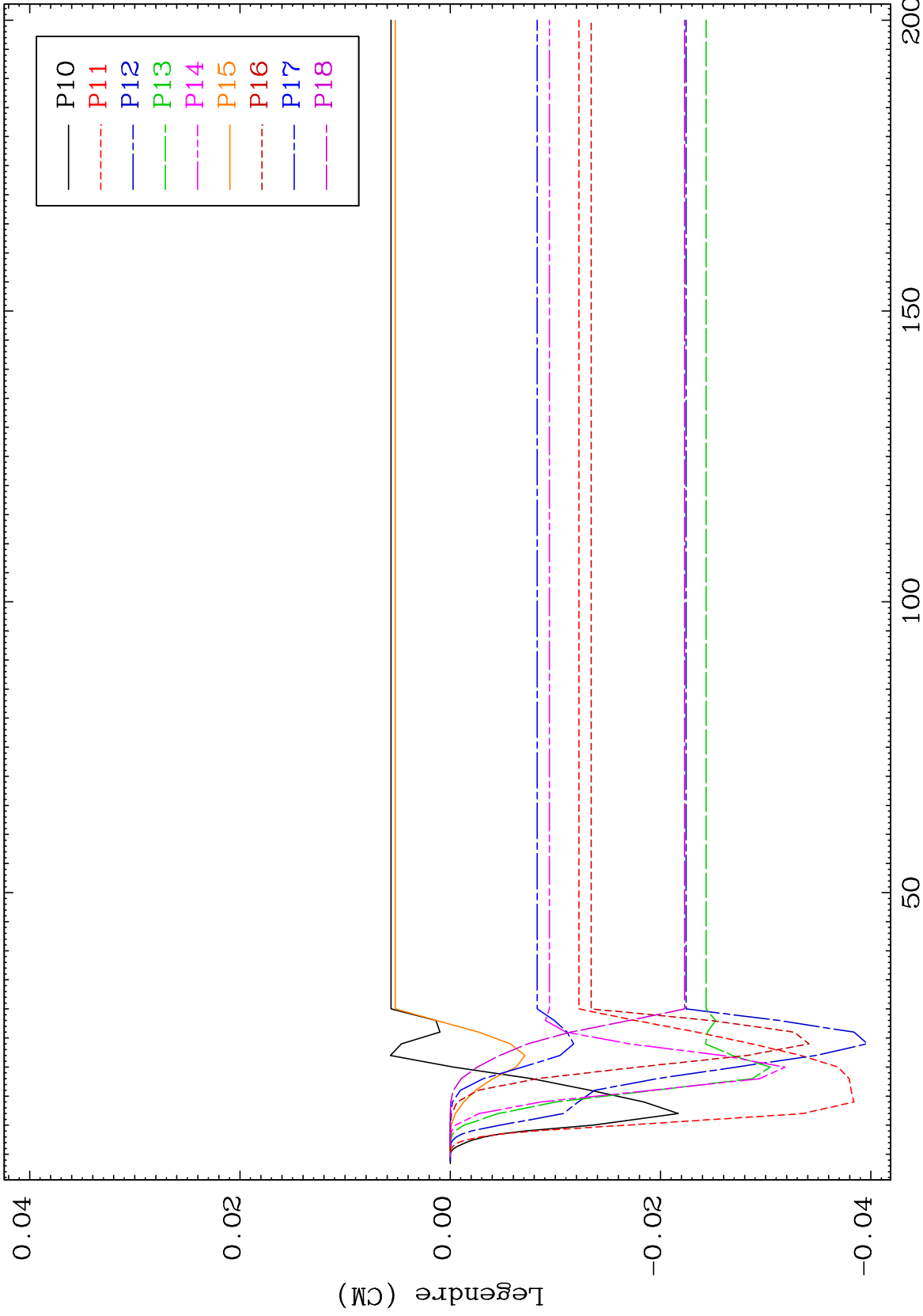
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 76 (n,n') Level  
Legendre Coefficients

56-Ba-142

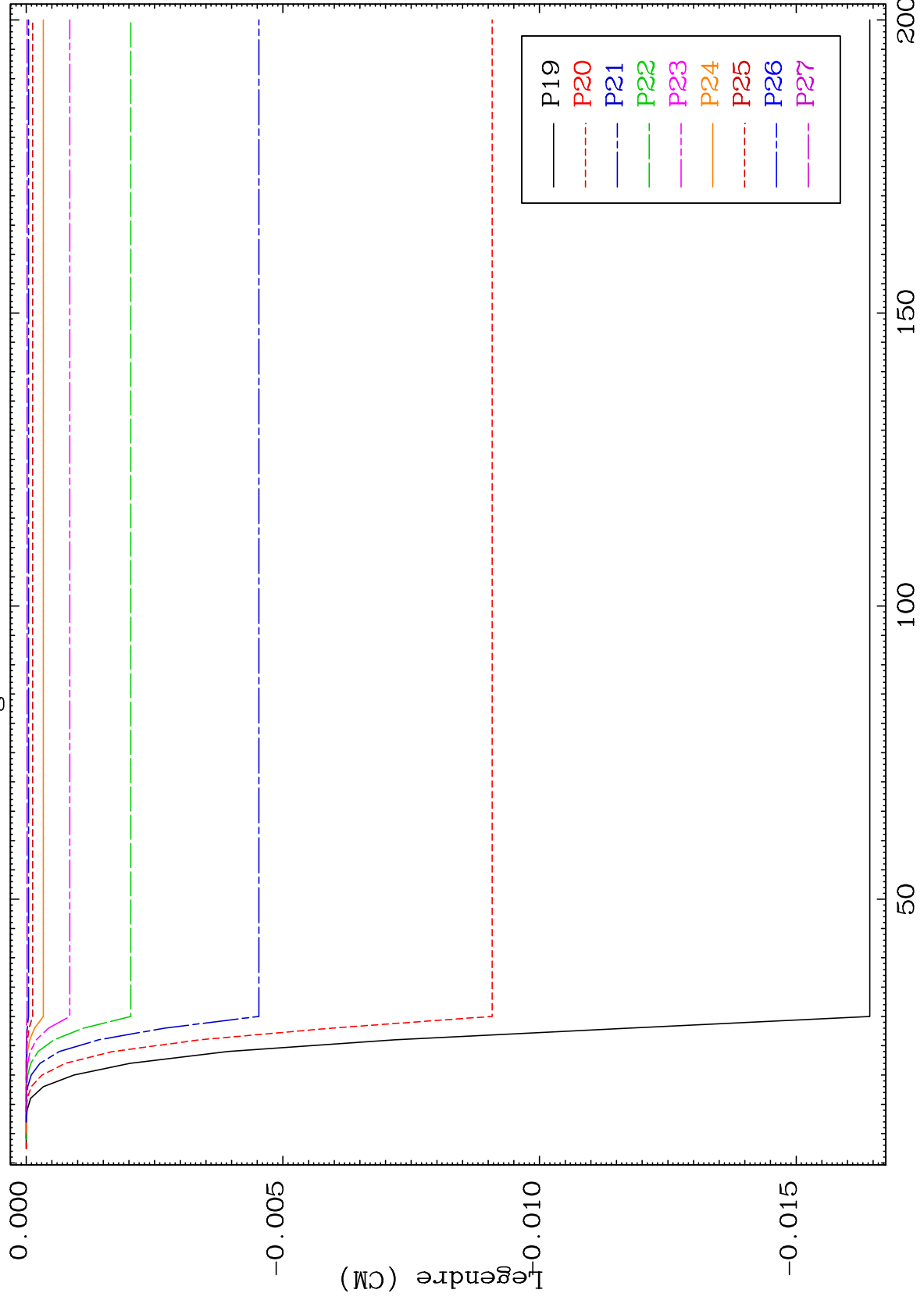


110

Incident Energy (MeV)

56-Ba-142

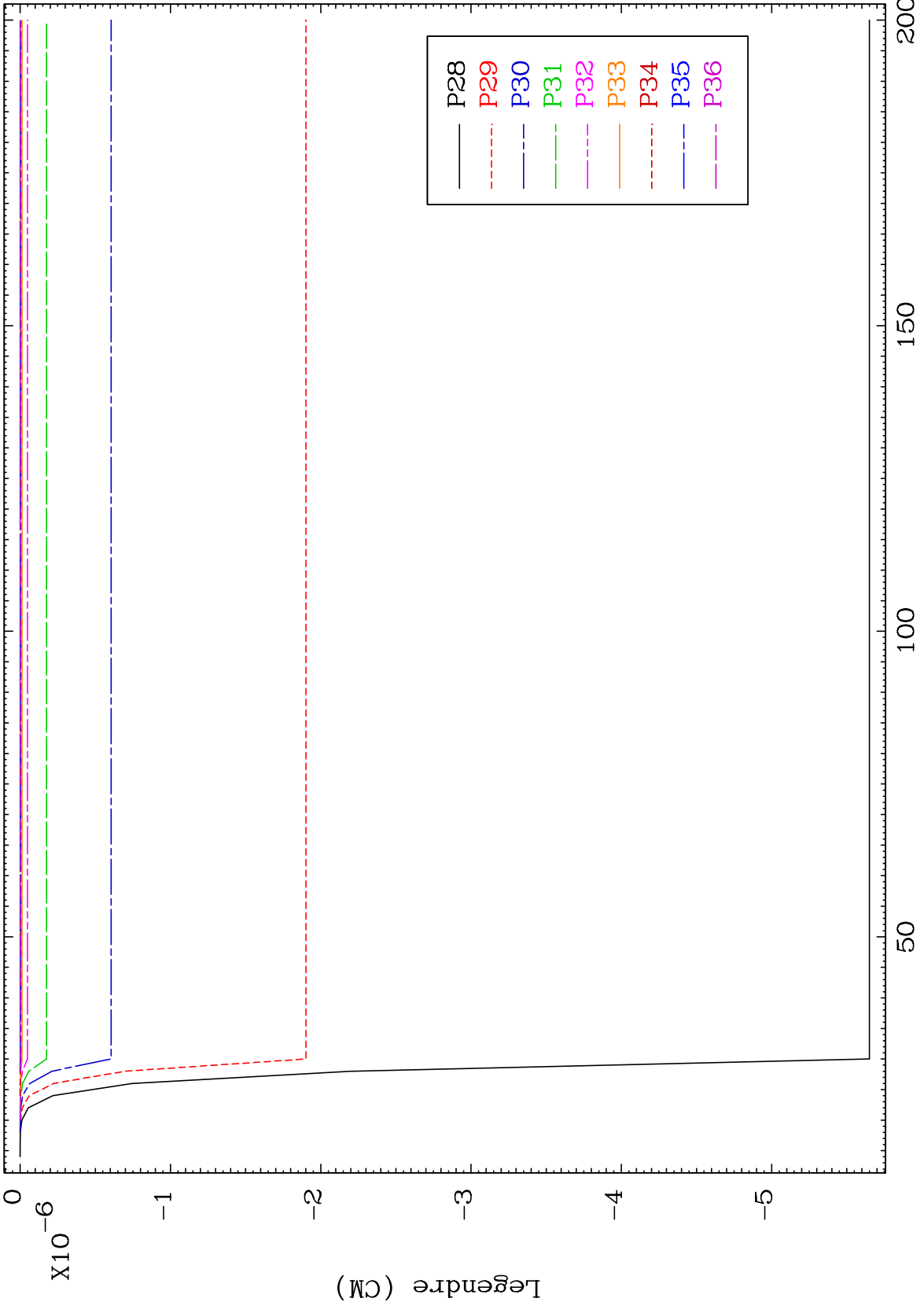
MAT 5661 MT= 76 (n,n') Level Legendre Coefficients 56-Ba-142



111 56-Ba-142



MAT 5661 MT= 76 (n,n') Level Legendre Coefficients 56-Ba-142

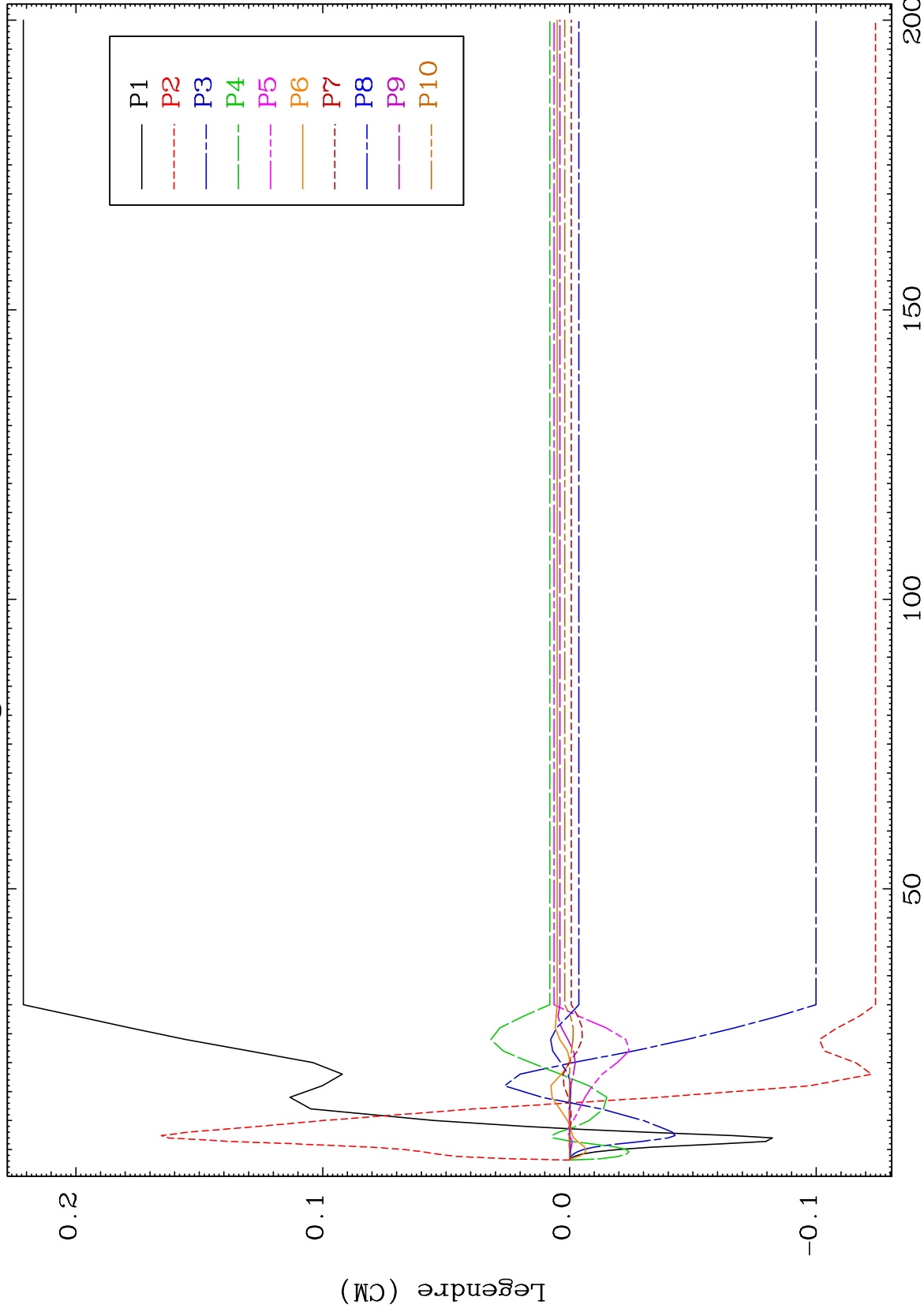


112 56-Ba-142

MAT 5661

MT= 77 (n,n') Level  
Legendre Coefficients

56-Ba-142



113

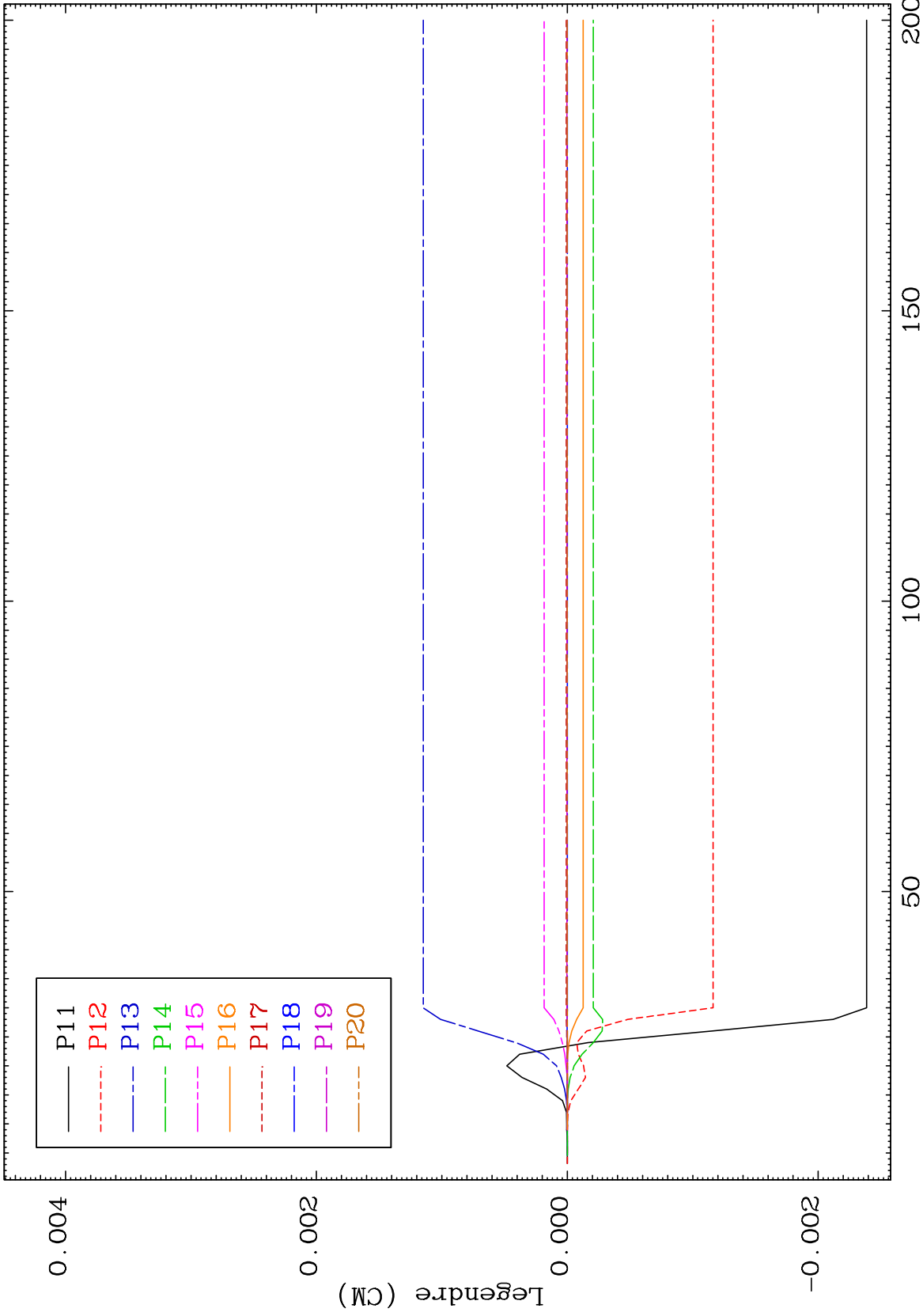
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 77 (n,n') Level  
Legendre Coefficients

56-Ba-142



114

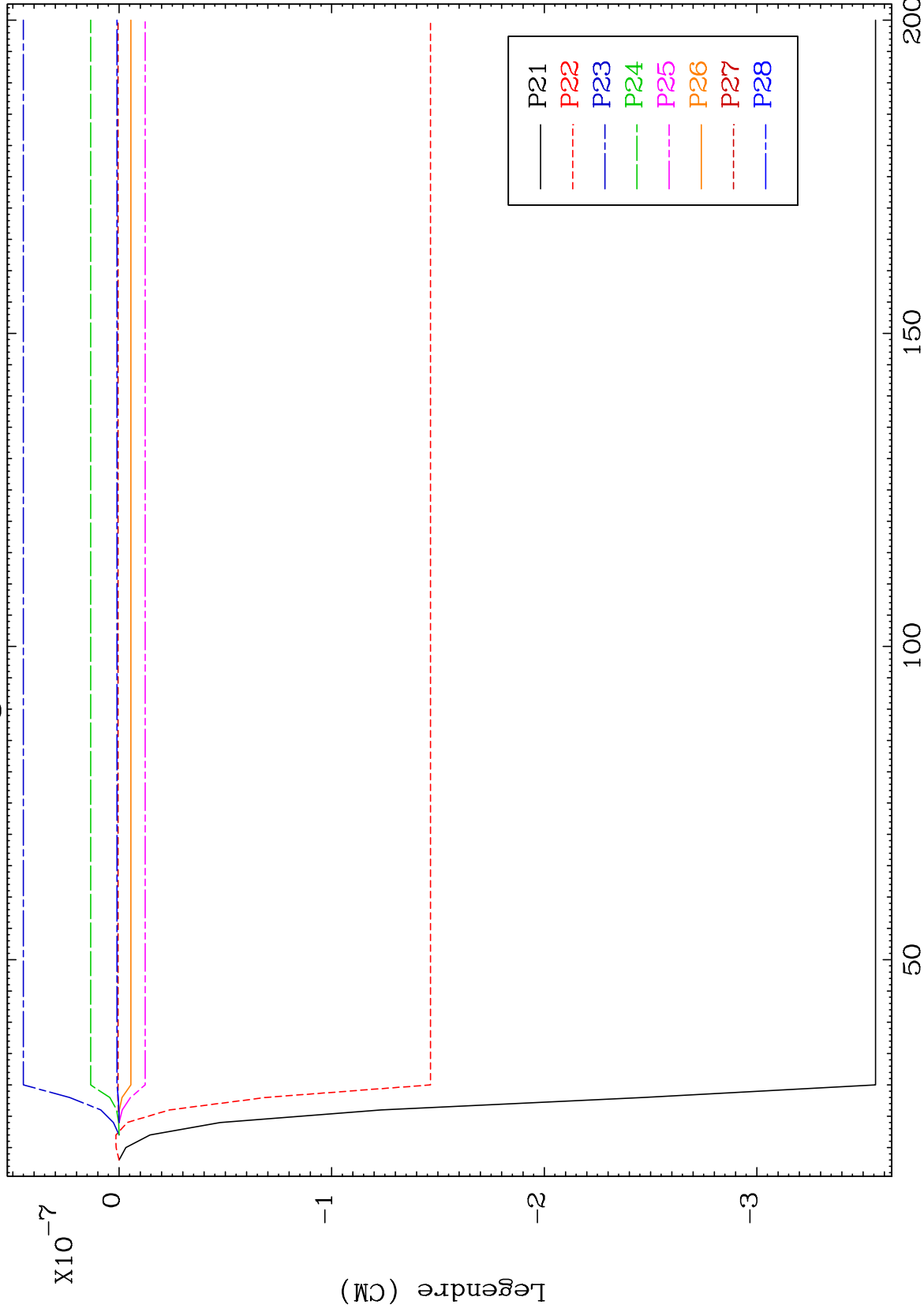
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 77 (n,n') Level  
Legendre Coefficients

56-Ba-142



115

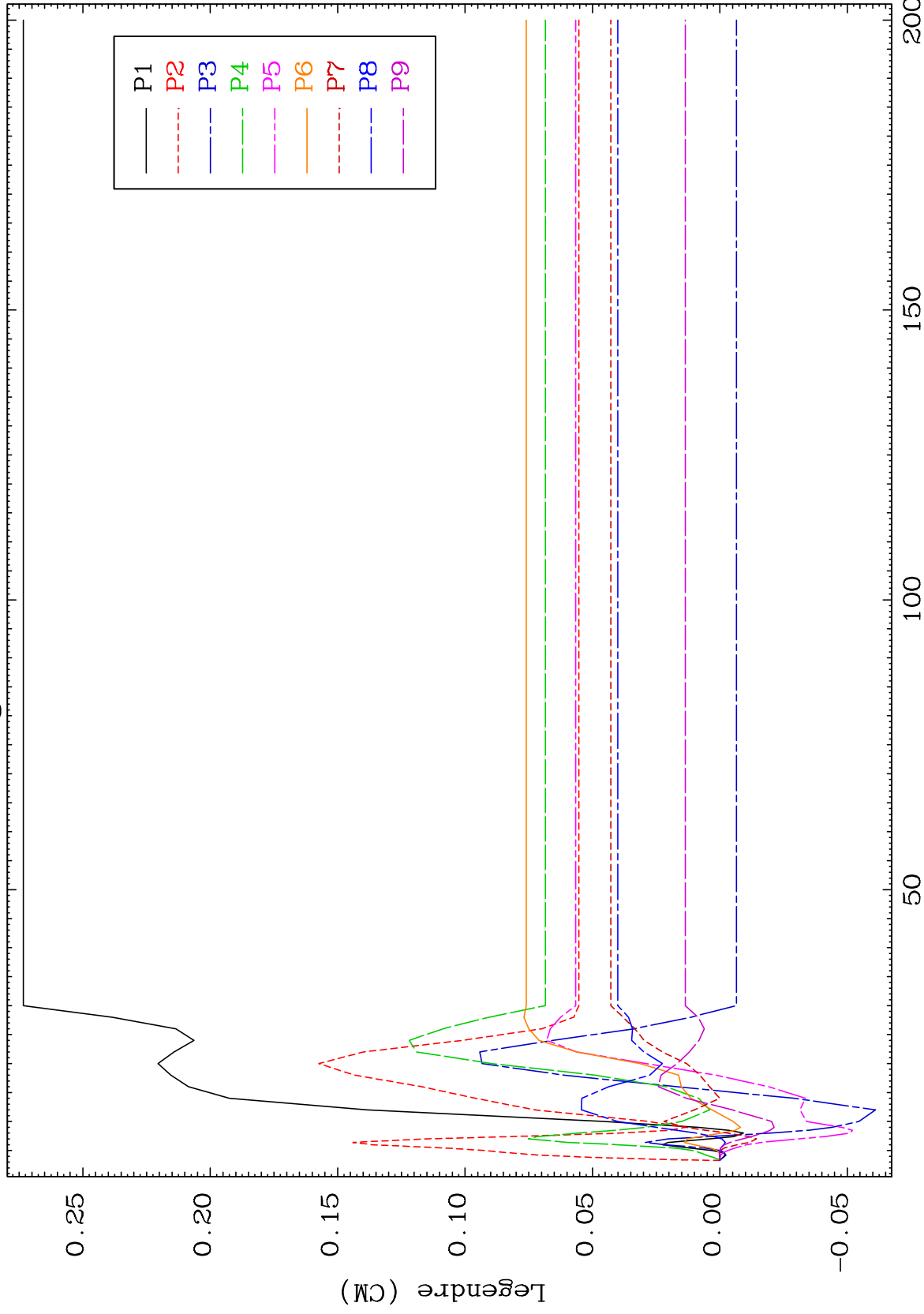
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 78 (n,n') Level  
Legendre Coefficients

56-Ba-142



116

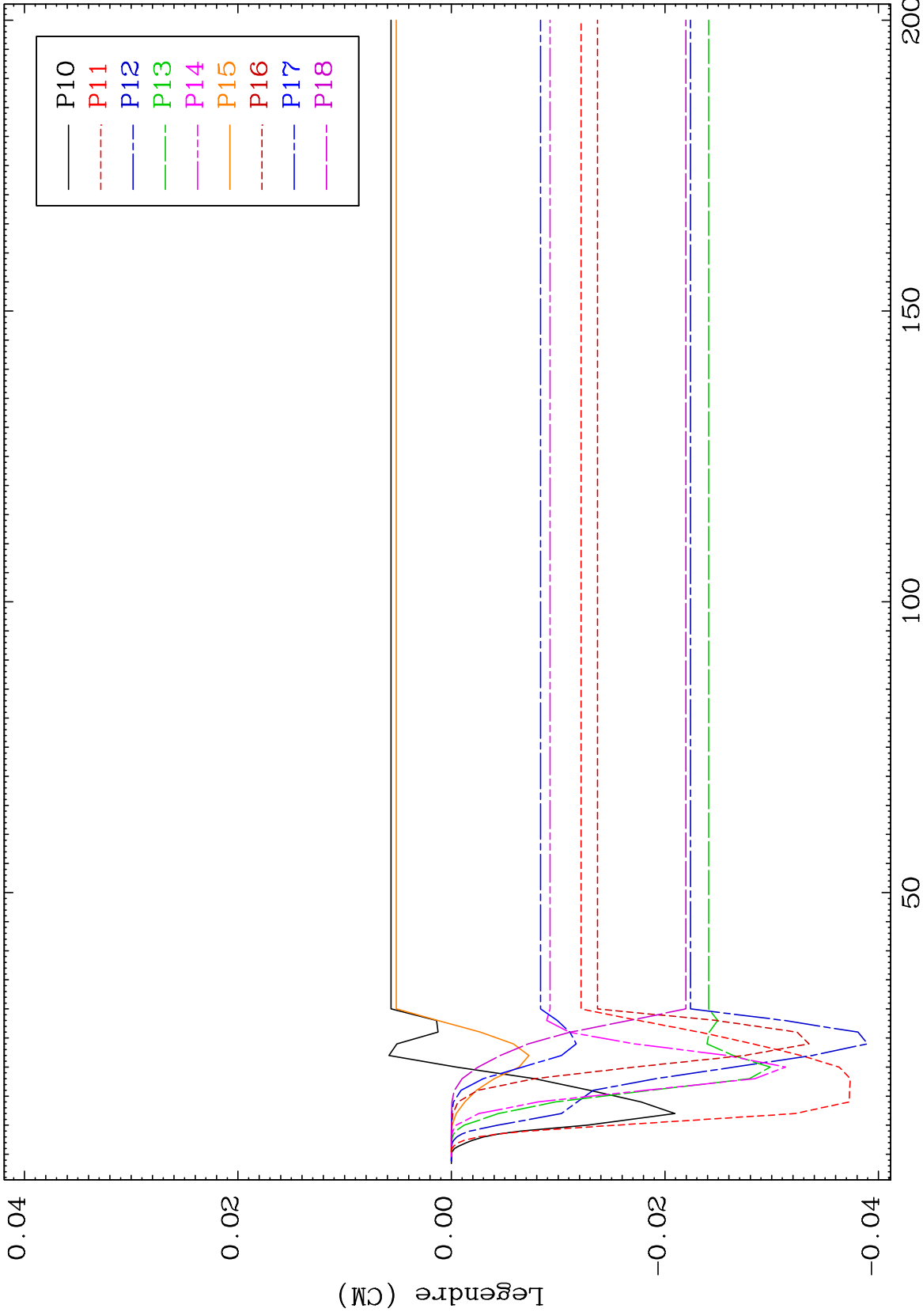
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 78 (n,n') Level  
Legendre Coefficients

56-Ba-142

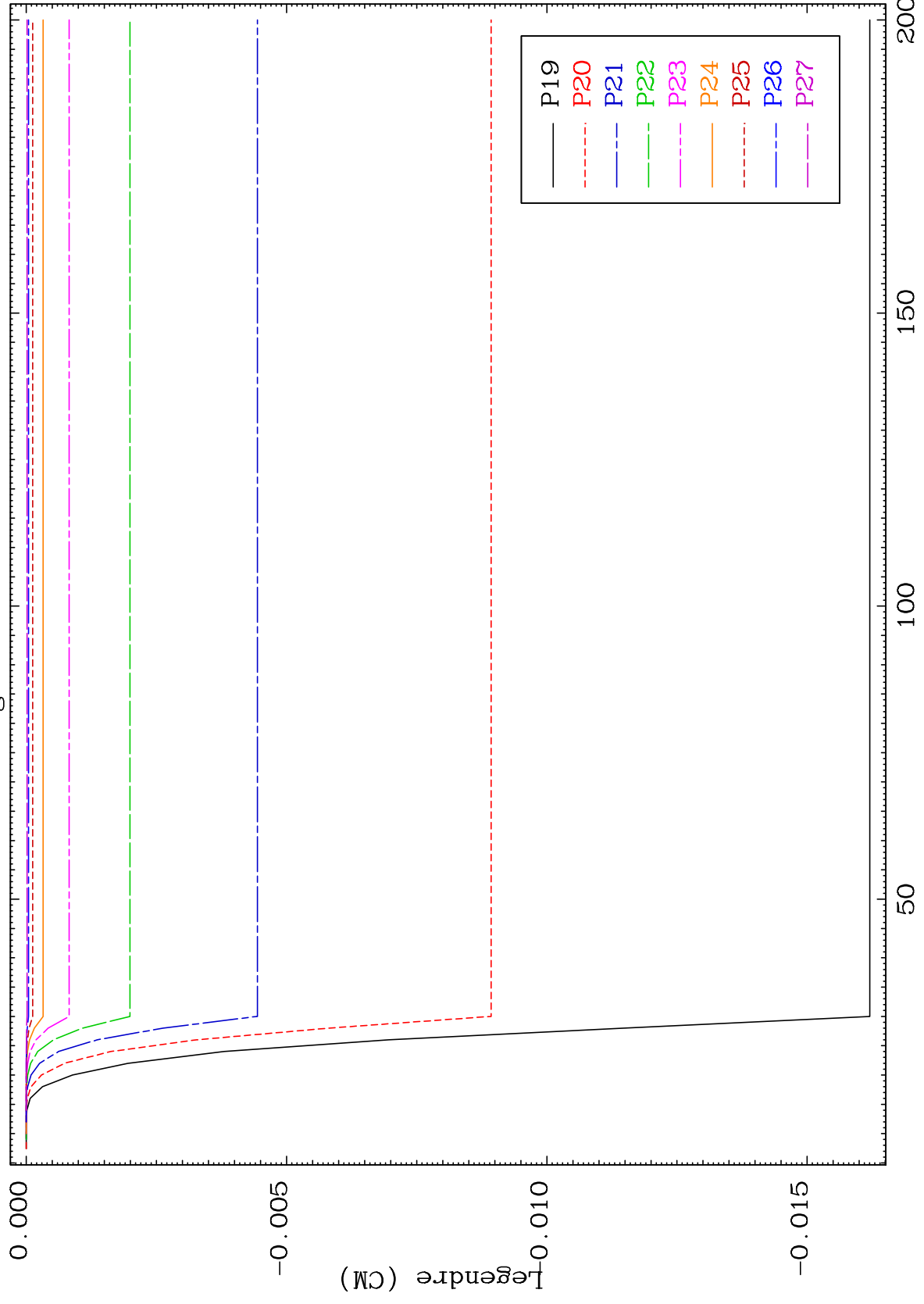


117

Incident Energy (MeV)

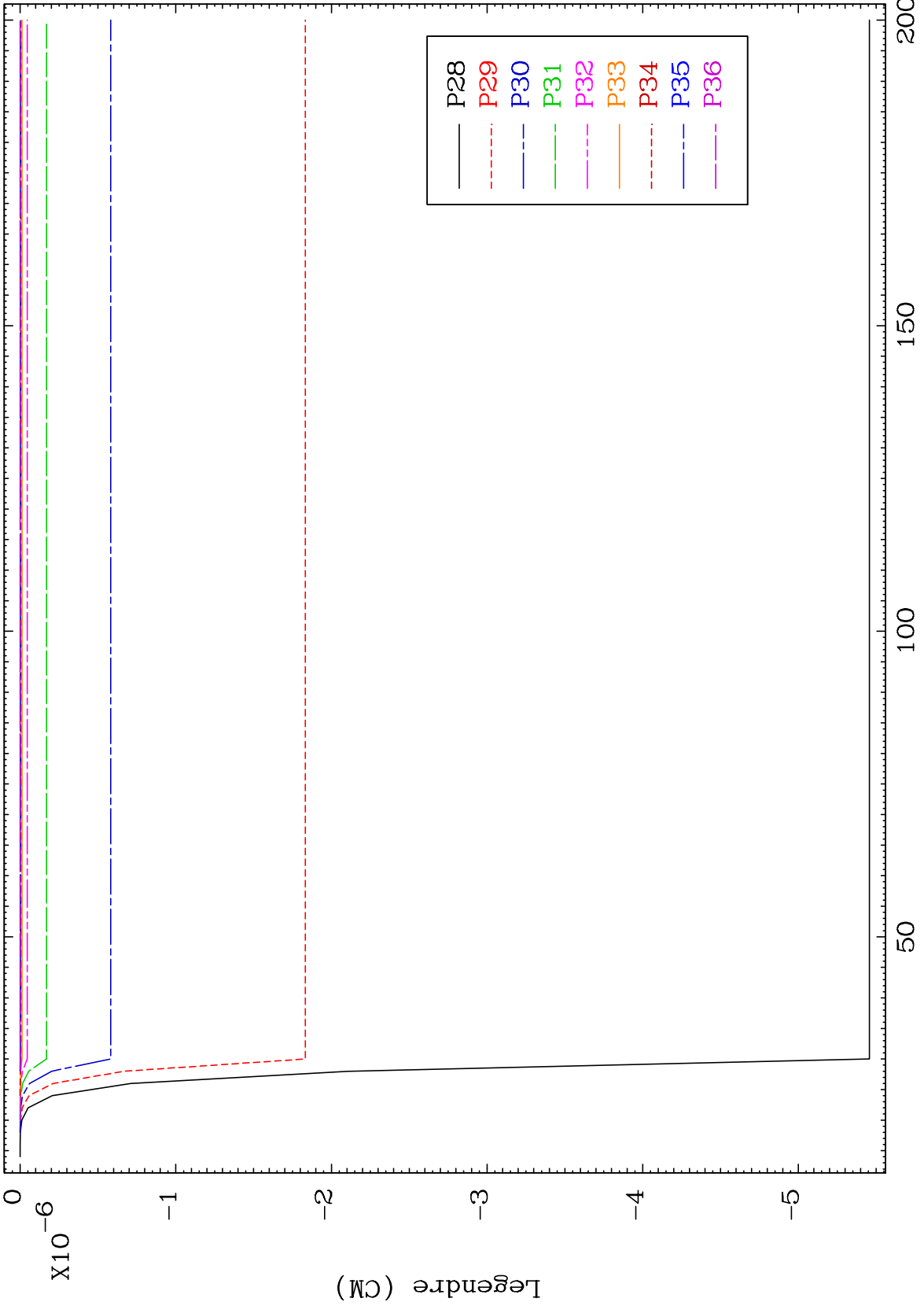
56-Ba-142

MAT 5661 MT= 78 (n,n') Level Legendre Coefficients 56-Ba-142



118 56-Ba-142

MAT 5661 MT= 78 (n,n') Level Legendre Coefficients 56-Ba-142



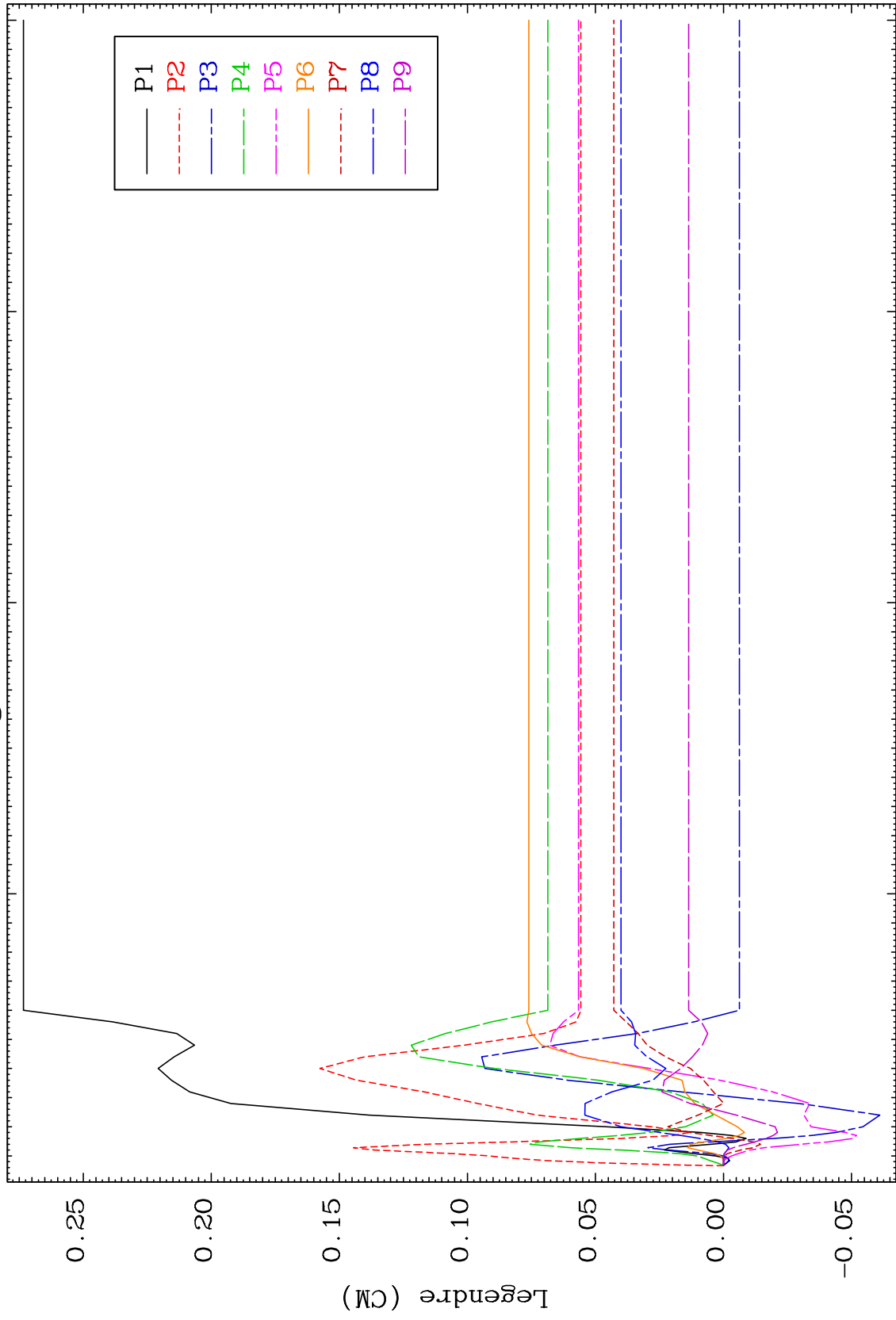
119 56-Ba-142



MAT 5661

MT= 79 (n,n') Level  
Legendre Coefficients

56-Ba-142



56-Ba-142

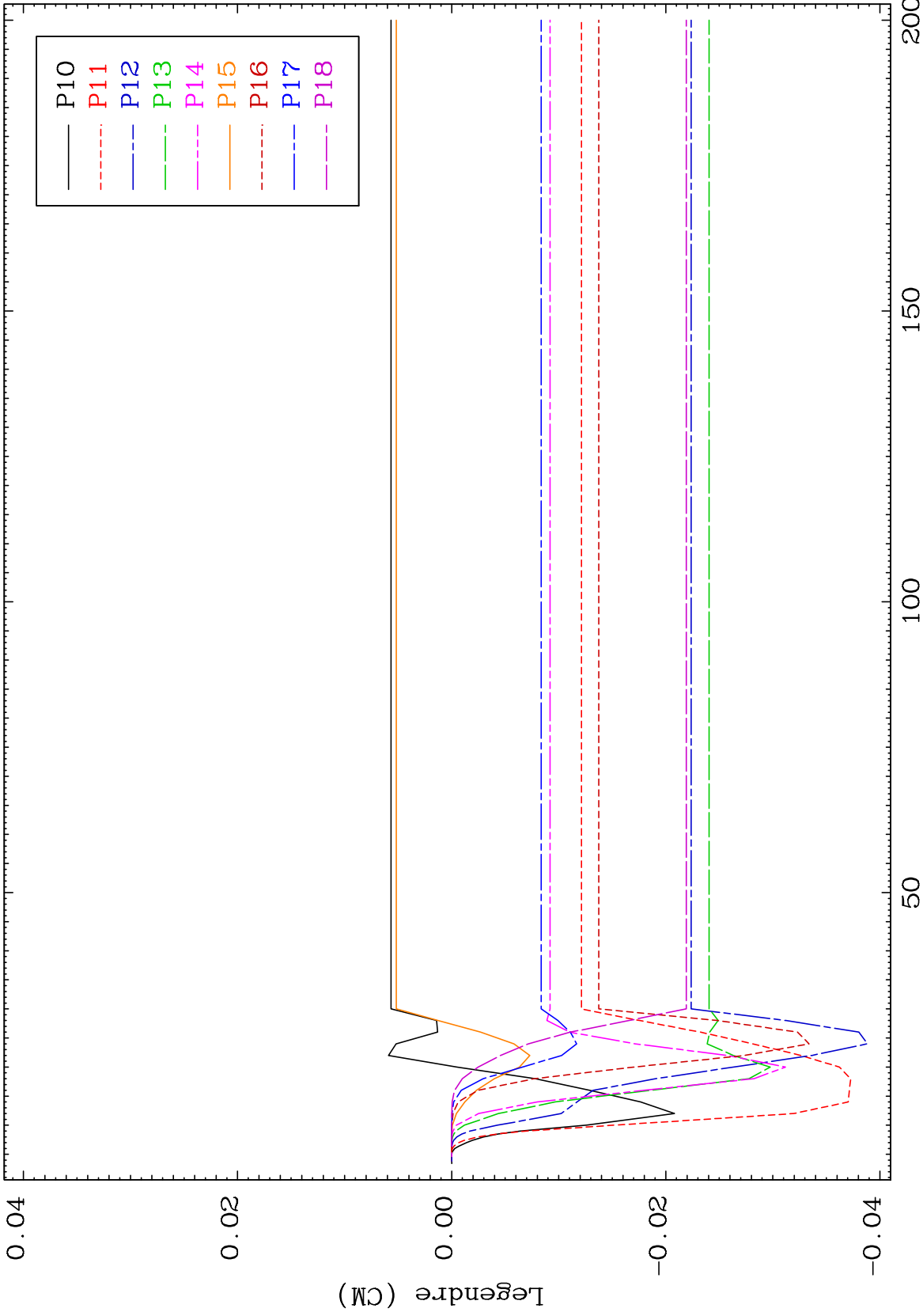
Incident Energy (MeV)

Legendre (CM)

MAT 5661

MT= 79 (n,n') Level  
Legendre Coefficients

56-Ba-142

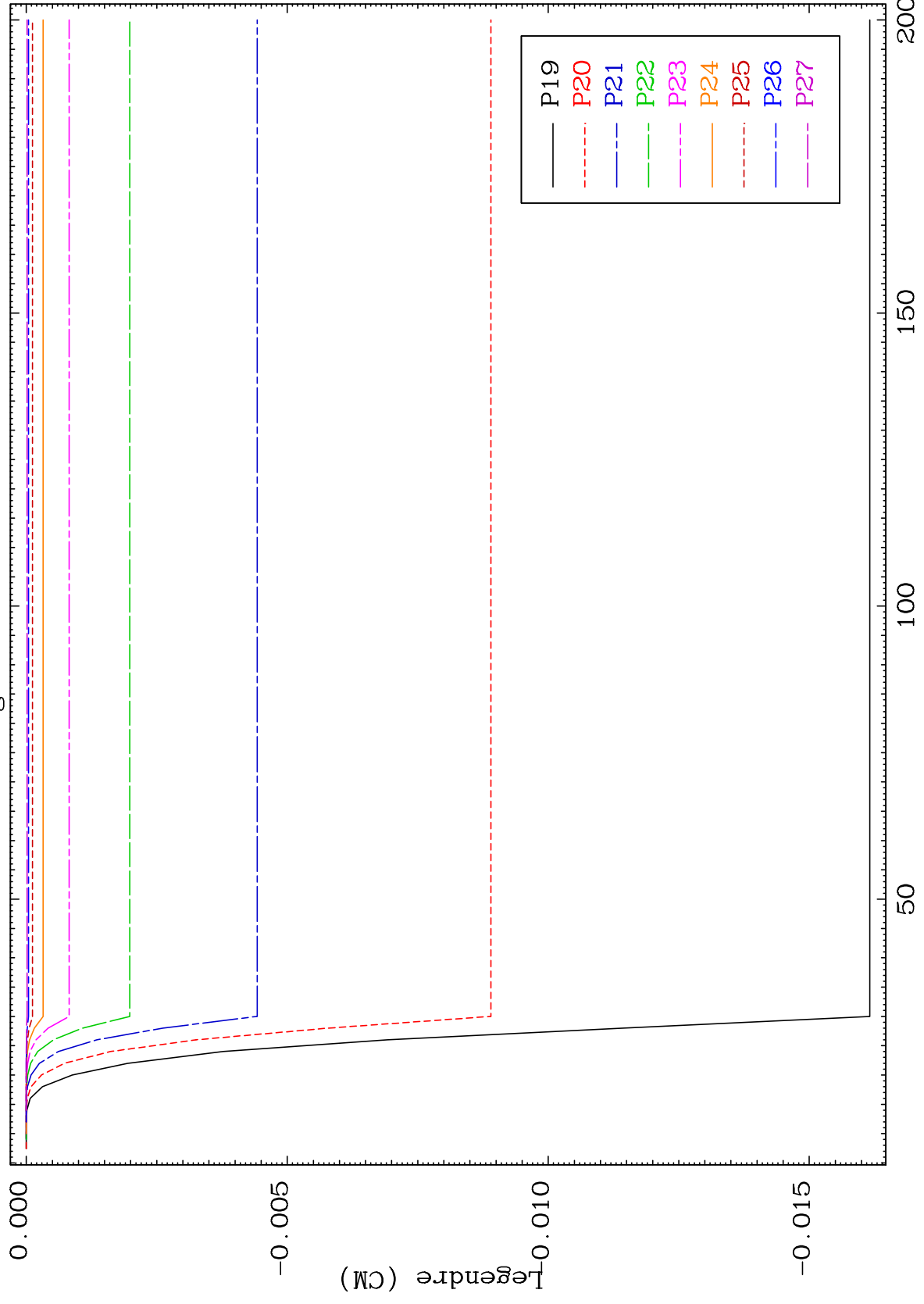


121

Incident Energy (MeV)

56-Ba-142

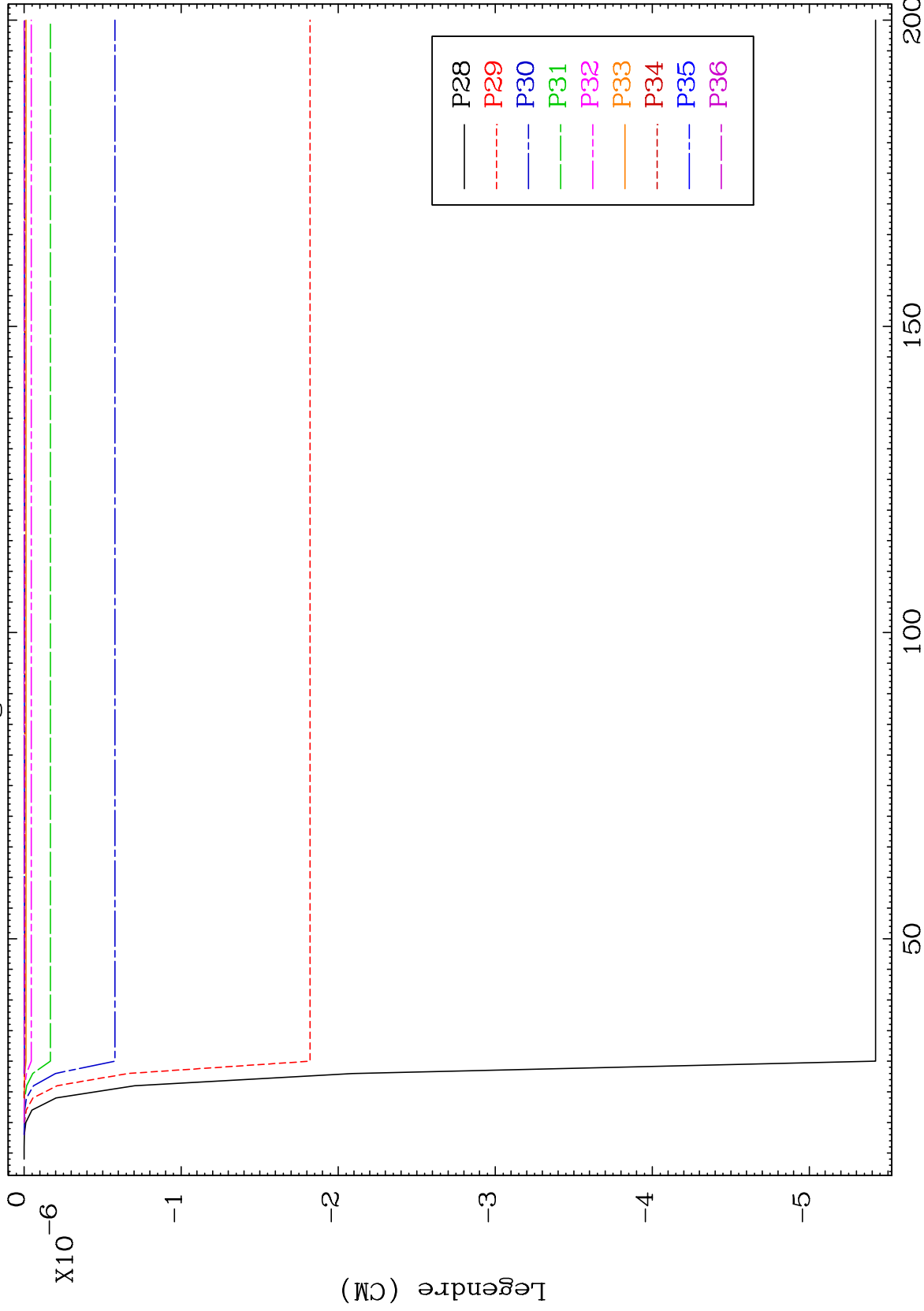
MAT 5661 MT= 79 (n,n') Level Legendre Coefficients 56-Ba-142



MAT 5661

MT= 79 (n,n') Level  
Legendre Coefficients

56-Ba-142

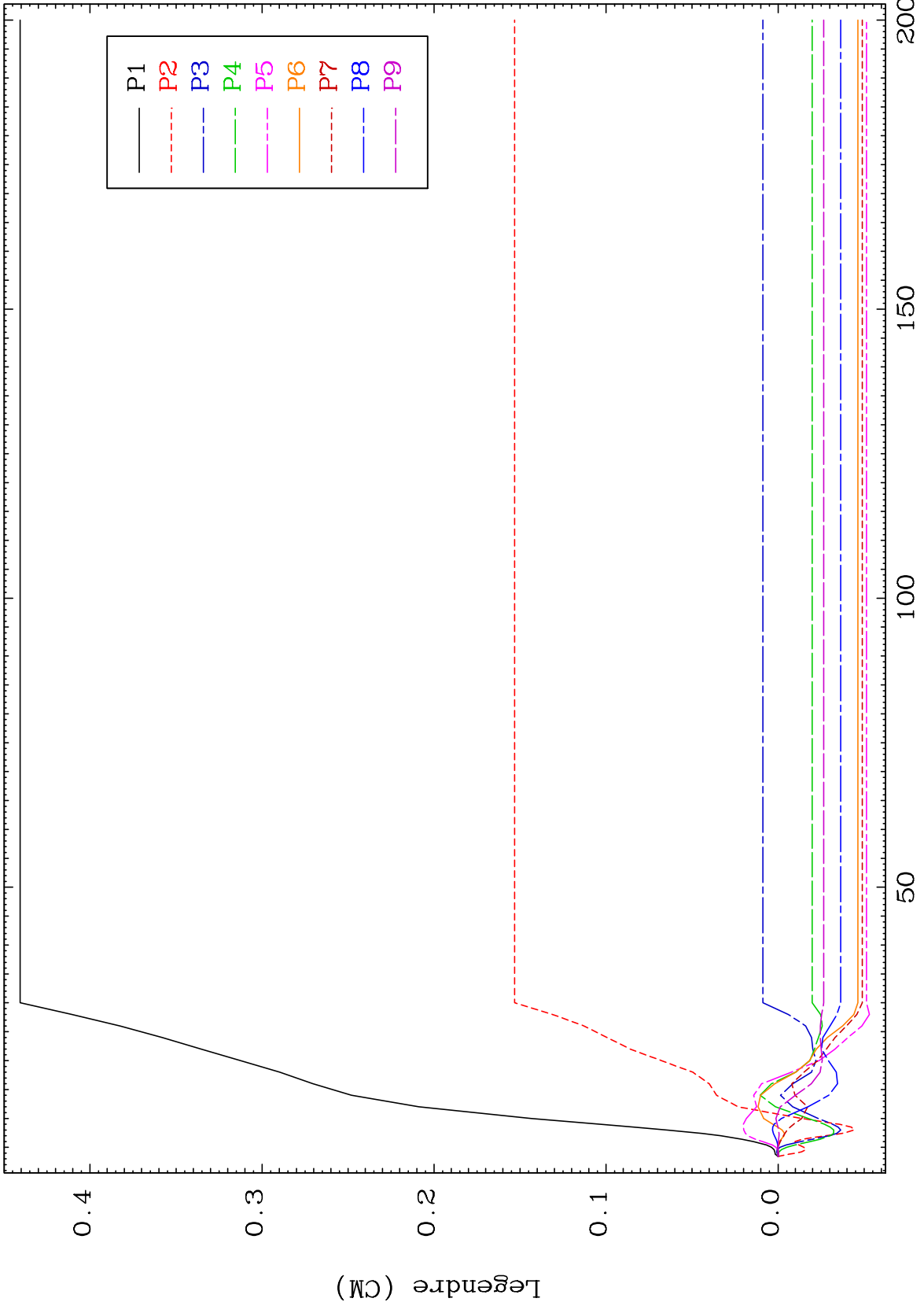


56-Ba-142

Incident Energy (MeV)

123

MAT 5661 MT= 80 (n,n') Level Legendre Coefficients 56-Ba-142

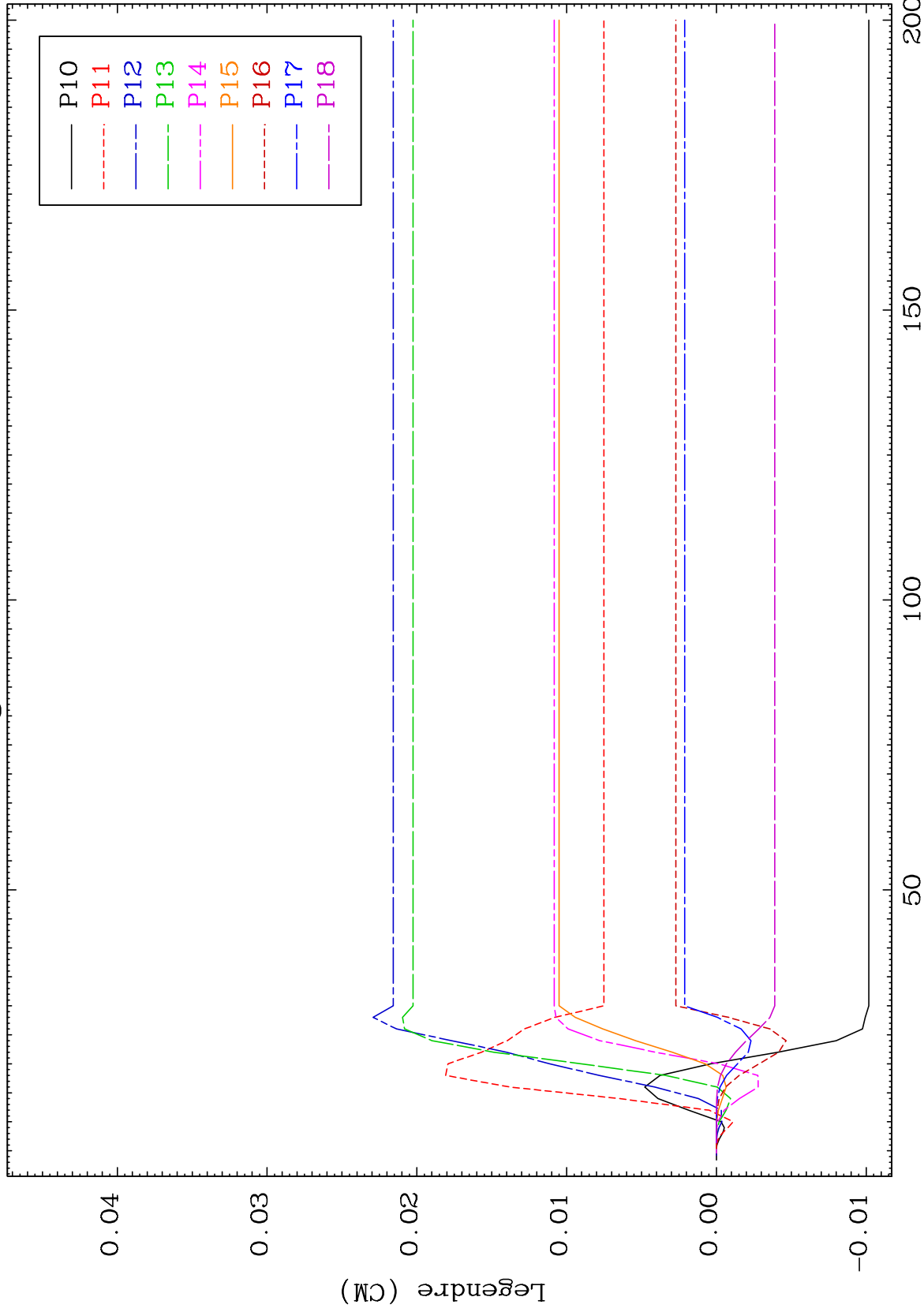


124 Incident Energy (MeV) 56-Ba-142

MAT 5661

MT= 80 (n,n') Level  
Legendre Coefficients

56-Ba-142



125

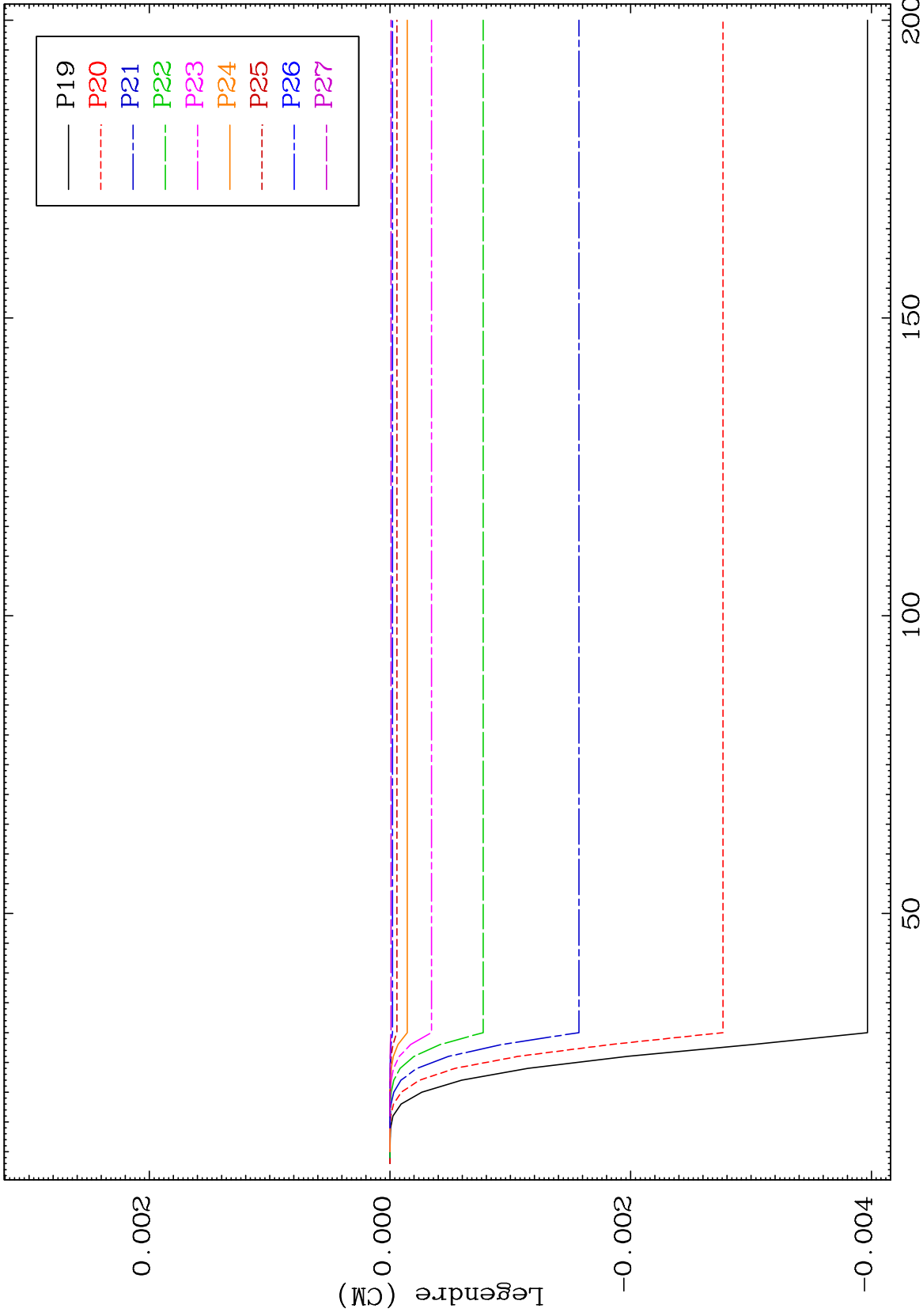
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 80 (n,n') Level  
Legendre Coefficients

56-Ba-142



126

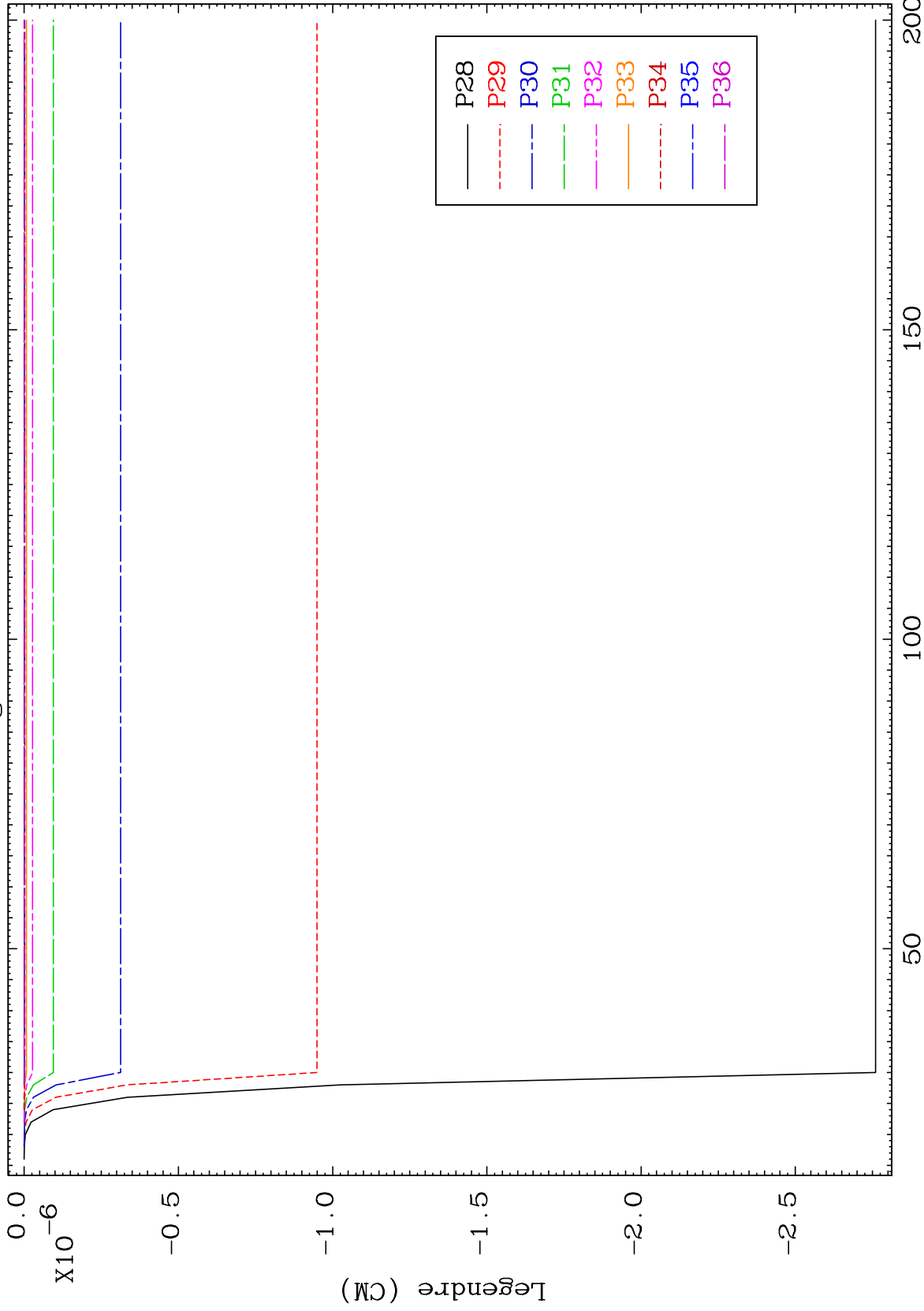
Incident Energy (MeV)

56-Ba-142

MAT 5661

MT= 80 (n,n') Level  
Legendre Coefficients

56-Ba-142



56-Ba-142

Incident Energy (MeV)

127